SILVER PLATED WARE

High Grade Nickel Silver Base, XS Triple Silver Plated, French Gray Finish

1847 ROGERS BROS—CONTINENTAL DESIGN

PICKLE FORKS

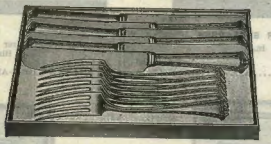
Three Tines; Length Over-All 7⅛ in.

	Per Dozen
No. 681—Burnished Tines	$12.60

COLD MEAT FORKS

One Cutting Tine; Length 8⅛ in.; Spread of Tines 1½ in.

	Per Dozen
No. 662—Bright Finish Tines	$15.00
No. 662G—Gold Lined Tines	$21.00

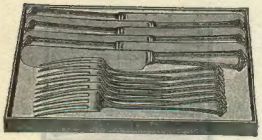


MEDIUM KNIVES AND FORKS

Quadruple Silver Plated Hollow Handles, Silver Soldered, Crucible Steel Cimiter Swaged Blades, Length 9¾ in.; Flat Handled Forks, Four Tines, Length Over-All 7¾ in.

	Per Set
No. 158½—Medium Knives and Forks	$12.75

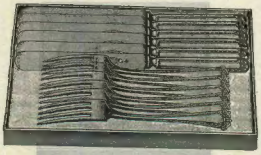
One Set (Six Knives and Six Forks) in a Cardboard Box



DESSERT KNIVES AND FORKS

Quadruple Silver Plated; Hollow Handled Knives, 8¾ in. Long; Flat Handled Forks, Four Tines, Length Over-all 7 in.

	Per Set
No. 159½—Dessert Knives and Forks	$11.75



MEDIUM KNIVES AND FORKS

Solid Handled Knives, Crucible Steel, Straight Blades; Four Tines, Flat Handle Forks, Length of Knives Over-All 9¾ in. Length of Forks 7¾ in.

	Per Set
No. 155½—Medium Knives and Forks	$8.70

One Set (Six Knives and Six Forks) in a Cardboard Box

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight One & One-Half Times First Class)

Pickle Forks
No. 681.....$14.14

Cold Meat Forks
No. 662.....$17.94
No. 662G.....25.00

Medium Knives and Forks
No. 158½.....$18.90

Dessert Knives and Forks
No. 159½.....$15.54

Medium Knives and Forks
No. 155½.....$10.58

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight One & One-Half Times First Class)

Tomato Servers
No. 714.....$31.16

Berry Spoons
No. 615.....$28.32
No. 615G.....38.70

Individual Butter Spreaders
No. 652.....$9.90

Pie Servers
No. 621.....$38.70

Butter Knife and Sugar Shell
No. 604.....$27.54
No. 604G.....32.56

Cream Ladles
Plain $17.46
Gold 24.54

Gravy Ladles
Plain $23.12
Gold 33.50

Medium Ladles
Plain $71.72

Individual Salad Forks
No. 717.....$12.28

Oyster Forks
No. 622..... $8.02

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

Kelley-How-Thomson Co. of Duluth

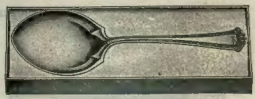
SILVER PLATED WARE

High Grade Nickel Silver Base, XS Triple Silver Plated, French Gray Finish

1847 ROGERS BROS.—CONTINENTAL DESIGN

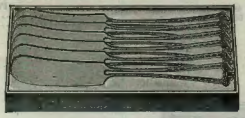
TOMATO SERVERS
Length 8¼ in.

	Per Dozen
No. 714—Bright Finish Bowl	$24.00



BERRY SPOONS
Length 8¾ in.

	Per Dozen
No. 615 —Bright Finish Bowl	$24.00
No. 615G—Gold Lined Bowl	33.00



INDIVIDUAL BUTTER SPREADERS
Length 6¼ in.

	Per Dozen
No. 652—Bright Finish Blades	$8.50

PIE SERVERS
Hollow Handles, Silver Soldered, Crucible Steel Silver Plated Blade; Bright Finish

	Per Dozen
No. 621—Length Over-All 10 in.	$30.00

BUTTER KNIFE AND SUGAR SHELL
Set Consists of One Butter Knife, Length 7⅞ in. and One Sugar Shell, Length 6 in.

	Per Dozen Sets
No. 604 —Bright Finish Blade and Bowl	$22.00
No. 604G—Bright Finish Blade, Gold Lined Bowl	26.00

LADLES

	Length, In.	Width Bowl, In.	Per Dozen Plain	Per Dozen Gold
Cream	5⅝	1⅝	$13.50	$19.50
Gravy	7¼	2⅝	18.00	27.00
Medium	11	3½	48.00	.....

INDIVIDUAL SALAD FORKS
Length 6 in.

	Per Dozen
No. 717—Four Tines, Bright Finish	$9.36

All Above, in Satin Lined Fancy Boxes

OYSTER FORKS
Length 6 in.

	Per Dozen
No. 622—Three Tines, Bright Finish	$6.30

Kelley-How-Thomson Co. of Duluth

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight One & One-Half Times First Class)

SILVER PLATED WARE

Highest Grade Nickel Silver Base, Extra Quality Silver Plate, Bright Finish

WM. ROGERS MFG. CO.—KENSINGTON DESIGN

INDIVIDUAL SALAD FORKS
Length 6 in.

	Per Dozen
No. K11—Four Tines, Bright Finish	$9.50

OYSTER FORKS
Length 6 in.

	Per Dozen
No. K12—Three Tines, Bright Finish	$ 6.30

INDIVIDUAL BUTTER SPREADERS
Length 6¼ in.

	Per Dozen
No. K13—Bright Finish	$8.50

Individual Salad Forks
No. K-11.... $8.44

Oyster Forks
No. K-12.... $12.26

Individual Butter Spreaders
No. K-13.... $7.56

Long Pickle Forks
No. K-14.... $10.66

Cold Meat Forks
No. K-15.... $13.32
No. K15-G... 18.66

Medium Knives and Forks
No. K-16.... $13.85
No. K-17.... 7.56

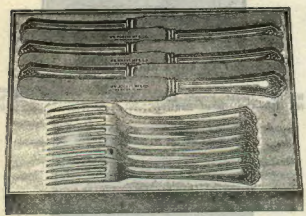
LONG PICKLE FORKS
Length 7½ in.

	Per Dozen
No. K14—Three Tines, Bright Finish	$12.00

All Above In Satin Lined Fancy Boxes

COLD MEAT FORKS
Length 8¼ in., Spread of Tines 3¼ in.

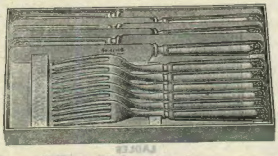
	Per Dozen
No. K15 —Bright Finish	$15.60
No. K15G—Gold Plated Tines	$21.00



MEDIUM KNIVES AND FORKS
Hollow Handle Medium Knives; Flat Handle Forks
Hollow Handles, Silver Soldered; Crucible Steel, Cimeter Swaged Blades, Bright Finish

	Per Set
No. 16—Length Over-All, Knives 9¾ in., Forks 7¾ in....	$11.15

One Set (Six Knives and Six Forks) in a Cardboard Box



MEDIUM KNIVES AND FORKS
Solid Handle Medium Knives; Flat Handle Forks
Solid Handles, Crucible Steel, Cimeter Swaged Blades, Bright Finish

	Per Set
No. 17—Length Over-All, Knives 9¾ in., Forks 7¾ in....	$8.70

NOTICE.
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APPROXIMATE NET PRICES

Subject to Change Without Notice

(*Freight One & One-Half Times First Class*)

Coffee Spoons
No. K-1..... $4.18

Orange Spoons
No. K-2..... $5.34

Individual Soup Spoons
No. K-3..... $8.44

Bouillion Spoons
No. K-4..... $8.00

Berry Spoons
No. K-5....$21.32

Butter Knife and Sugar Shell
No. K-6....$19.54
No. K6-G.... 23.10

Ladles
No. K-7.....$12.00
No. K-8..... 15.98
No. K-9..... 42.62

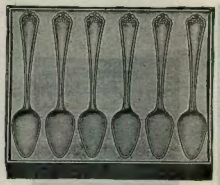
Child's Sets
No. K-10....$21.32

SILVER PLATED WARE

Highest Grade Nickel Silver Base, Extra Quality Silver Plate, Bright Finish
WM. ROGERS MFG. CO.—KENSINGTON DESIGN

COFFEE SPOONS
Length 4¼ in.

Per Dozen
No. K1—Bright Finish Bowls.....$4.70



ORANGE SPOONS
Length 5¾ in.

Per Dozen
No. K2—Bright Finish Bowls.....$6.00

INDIVIDUAL SOUP SPOONS
Four Tines; Bright Finish

Per Dozen
No. K3—Length Over-All 6 in.....$9.50

BERRY SPOONS
Length 8½ in.; Width of Bowl 2½ in.

Per Dozen
No. K5—Bright Finish Bowls.....$24.00

BOUILLON SPOONS
Length 6½ in.; Width of Bowl 1¼ in.

Per Dozen
No. K4—Bright Finish Bowls.....$9.00

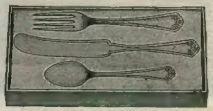
BUTTER KNIFE AND SUGAR SHELL
Knife 7½ in. Long; Shell 6 in. Long, Bowl 1½ in. Wide

Per Dozen
No. K6—Bright Finish Bowl.....$22.00
No. K6G—Gold Lined Bowl.....26.00

LADLES

	Length In.	Width Bowl In.	Per Dozen
No. K7—Cream	6	1½	$13.50
No. K8—Gravy	7	2½	18.00
No. K9—Medium	10⅞	2¾	48.00

All Above In Satin Lined Fancy Boxes



CHILD'S SETS

Per Dozen Set
No. K10—Three Pieces; Knife 7¼ in. Long, Fork 6 in. Long, Spoon 5¼ in. Long.....$24.00

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

Kelley-How-Thomson Co. of Duluth

ALARM CLOCKS

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight First Class)

Alarm Clocks

Tattoo, Jr.	$2.78
Lark	1.82
Iron Clad	2.12
Strenuous	1.74
America	1.34

TATTOO JUNIOR

Intermittent Alarm

Each

Tattoo Jr.—Seamless Metal Case, Nickel Plated; Height Over-all 3 in.; Depth 1⅞ in.; 2¾ in. White Dial, Arabic Figures; 2 in. Bell Metal Gong on Back; Attached Key and Hand Sets; Folding Ring Handle; Alarm will Ring Twenty Seconds and be Silent Twenty Seconds, Alternately, for Five Minutes, but can be Stopped at Pleasure by Shut-off Switch at Top $2.50

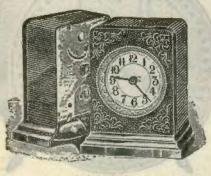
Weight ½ Lb. Each

LARK

Each

Lark—Seamless Brass Case, Nickel Plated; Knurled Front and Flush Back with Knurled Edge; Height Over-all 6½ in.; Width 4¼ in.; 2¾ in. Bell on Top of Clock; Attached Key and Hand Sets; 4 in. White Dial, Arabic Figures; Plain Glass; Continuous Alarm, with Shut-off Switch for Stopping Alarm $1.60

Weight 1½ Lbs. Each



IRON CLAD

Each

Iron Clad—Cast Iron Case, Gun Metal Finish; Coppered Base, 2⅝ in. Ivory Finish Dial, Fancy Brass Sash; Height Over-all 5 in., Width 3¼ in.; 2 in. Gilt Cup Bell in Base, with Brass Shut-off Lever, Lantern Pinions, Lever Escapement $1.74

One in a Box; Weight 2½ Lbs. Each

LONG ALARM

Each

Strenuous—Reamed Metal Case, Nickel Plated; Height Over-all 7 in.; Depth 2⅝ in.; 3¼ in. Bell on Top of Clock; Attached Key and Hand Sets; 4 in. Dial, Roman Figures; Long Alarm. Alarm Rings Five Minutes Continuously, with One Winding, but can be Stopped at Pleasure $1.60

Weight 1½ Lbs. Each

One in a Pasteboard Box

AMERICA

Each

America—Brass Case, Nickel Plated, with Beaded Rim. Height Over-all 6¼ in., Depth 2¼ in.; 4 in. White Dial, Roman Figures, Plain Glass; 2¾ in. Cup Bell on Top of Clock; Continuous Alarm, with Shut-off Switch $1.14

Weight 1 Lb. Each

All Above Clocks are One Day Movement

NOTICE.
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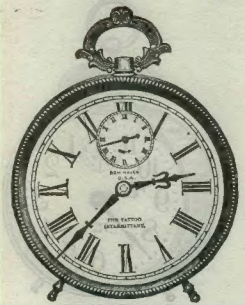
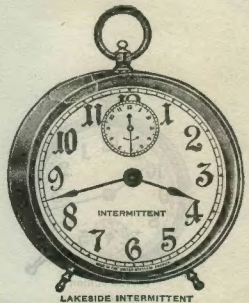


TATTOO INTERMITTENT

Each

Tattoo—Seamless Metal Case, Nickel Plated; Height 6 in., Depth 2¾ in.; 4½ in. White Dial, Roman Figures; Intermittent Alarm; 4 in. Gong on Back of Clock; Attached Key and Hand Sets. The Alarm will Ring Half a Minute and be Silent Half a Minute, Alternately, for Fifteen Minutes, but can be Stopped at Pleasure by Shut-off Switch at Top.**$2.10**
Weight 1¾ Lbs. Each

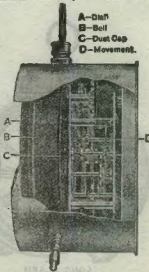


LAKESIDE INTERMITTENT

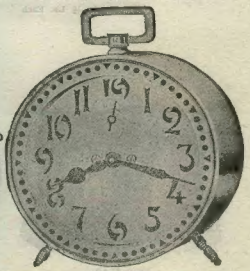
Each

Woodland—Seamless Metal Case, Nickel Plated; Height 6 in., Depth 2¾ in.; 4½ in. White Dial, Arabic Figures; Intermittent Alarm; 4 in. Gong on Back of Clock; Attached Key and Hand Sets. The Alarm will Ring Twenty Seconds and be Silent Twenty Seconds, Alternately, for Fifteen Minutes, but can be Stopped at Pleasure by Shut-off Switch at Top **$2.10**
Weight 1¾ Lbs. Each

ROTATOR



Cut Shows Interior View of the Rotator and Vibrator Clocks



VIBRATOR

Each

Rotator—Seamless Drawn Brass Case, Nickeled and Highly Polished; Height Over-all 6 in., 4½ in. Dial, Arabic Figures; Intermittent Alarm; Bell is Contained Entirely Within the Case, between the Dial and Movement; the Case is Encircled with Perforations to Allow the Sound to Escape; A Dust Cap between the Bell and Movement Divides the Case into Two Compartments, Fully Protecting the Movement from Dirt, Etc. The Alarm will Ring a Quarter of a Minute and be Silent for a Similar Period, Alternately, for Twelve Minutes, but can be Discontinued at Will by means of Manual Stop at Back of Clock.....**$2.00**
Weight 1¾ Lbs. Each

Vibrator—Solid Brass Case, Old Brass Finish; Height Over-all 6 in.; 4½ in. Solid Brass, Silver Plated Reverse Dial, Arabic Figures; Intermittent Alarm; Bell is Contained Entirely within the Case, between the Dial and Movement; the Case is Encircled with Perforations to allow the Sound to Escape; a Dust Cap between the Bell and Movement Divides the Case into Two Compartments, Fully Protecting the Movement from Dirt, Etc. The Alarm will Ring a Quarter of a Minute and be Silent for a Similar Period, Alternately, for Twelve Minutes, but can be Discontinued at Will by means of Manual Shut-off at Back of Clock.... $1.98
Weight 1¾ Lbs. Each

All Above Clocks are One Day Movement

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight Second Class)

Razors

No. 154.....
Discontinued
No. 155 .....$31.08
No. 155¾..... 31.08
No. 3370..... 28.86
No. 2790..... 28.86
No. 6502..... 26.64

Kelley-How-Thomson Co. of Duluth

RAZORS

FULLY GUARANTEED

Hand Ground

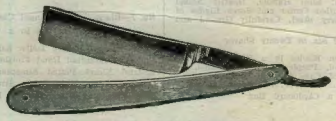
THE "BARBER'S PRIDE"

	Per Dozen
No. 154—⅛ in. Blade, Square Point, Full Polished, Full Concave, Double Shoulder, File Tang, Stamped "Barber's Pride" on Tang, Round Black Rubber Handle	$28.08
No. 155 —⅝ in. Blade, Otherwise Same as Above	28.09
No. 155¾—¾ in. Blade, Otherwise Same as Above	28.00

	Per Dozen
No. 3370—⅛ in. Blade, Round Point, Three-Quarter Hollow Ground, Full Crocus Polish, Double Shoulder, File Tang, Black Rubber Handle	$26.00

FEATHERWEIGHT

	Per Dozen
No. 2790—⅛ in. Blade, Buff Point, Full Crocus Polish, Medium or Half Hollow Ground, Double Shoulder, File Tang, Black Rubber Handle	$26.00



	Per Dozen
No. 6502—⅛ in. Blade, Buff Point, Full Polished, Half Hollow Ground, Double Shoulder, Fancy Tang, Genuine Bone Handle	$24.00

All Above, One in a Box, Half Dozen in a Carton

NOTICE.
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Kelley-How-Thomson Co. of Duluth

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight Second Class)

Razors
No. 2122.....$19.98
No. 552.....
Discontinued
No. 195.....
Discontinued

Safety Razors
No. E—
Enders $17.76
No. 7—
Enders 33.20

Extra Blades
Enders (5 in pkg.) .....$ 0.40
Durham Duplex (6 in pkg.). 1.68

RAZORS

FULLY GUARANTEED

Hand Ground

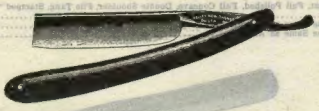
"OUR OWN"

Per Dozen

No. 2122—⅝ in. Blade, **Round Point,** Full Polished and Etched, Medium or Half Hollow Ground, Single Shoulder, File Tang, Black Rubber Handle.....$18.00

Per Dozen

No. 552—⅝ in. Blade, **Buff Point,** Full Polished and Etched, Medium or Half Hollow Ground, Single Shoulder, File Tang, Black Rubber Handle.....$18.00

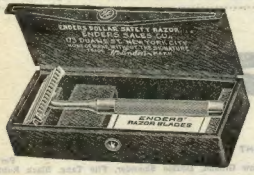


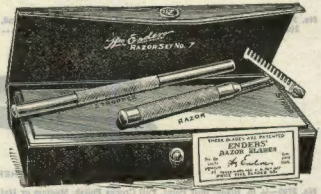
COMMANDER

Per Dozen

No. 195—⅝ in. Blade, Square Point, Full Polished, Half Concave Single Shoulder, File Tang, Round Black Rubber Handle..$12.00

SAFETY RAZORS





ENDERS' DOLLAR

Solid Nickel Steel Frame; Steel Handle, Heavily Nickel Plated, Length 4 in. with Knurled Center and Seven Blades of Highest Grade Norwegian Cutlery Steel, Carefully Ground and Highly Tempered.

Each Blade Good for Six to Twenty Shaves

Each

No. E—Safety Razor and Seven Blades in a Hinged Case, Covered with Black Karatol, Purple Silk Plush Lined, with Button Clasp; Size of Case 4⅝ in. Long, 2 in. Wide, ⅞ in. High.....$1.00

One Dozen in a Cardboard Box

ENDER'S' SHAVING SETS

Per Set

No. 7—Black Karatol Hinged Case; Size 5⅝x2⅝x1 in.....$1.50

One Set in a Cardboard Box

Contains 1 Enders' Dollar Safety Razor, an Extra Package of Enders' Guaranteed Hand Finished and Tested Blades; 1 Special Enders' Nickel Plated Stropping Handle; 1 Enders' Selected Quality, Horse Hide Razor Strop, all packed completely and compactly in a Black Karatol Hinged Case.

DURHAM DUPLEX BLADES

Per Dozen

Durham Duplex Blades; Hollow Ground, Finest Tempered Razor Steel.....$1.00

Six in a Package

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Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight First Class)

Alarm Clocks
Automatic
No. 1A.....$5.22
No. 2A..... 5.22

Mission
No. 1200.....$3.00

Dryad
No. B.....$2.94
No. C..... 2.94
No. N..... 2.94

Phono
No. 135.....$4.12

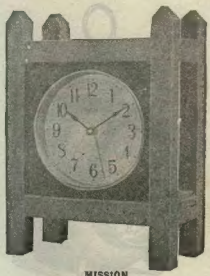
Kelley-How-Thomson Co. of Duluth

FANCY ALARM CLOCKS

AUTOMATIC
Eight Day Time and Alarm

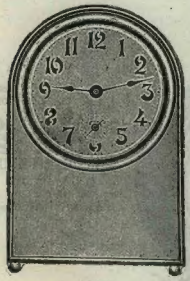
Seamless Metal Case; Height, 5¾ in.; 4 in. White Dial, Arabic Figures, **Eight Day Time and Alarm;** 4 in. Gong on Back of Clock, Attached Key and Hand Sets. Alarm Rings Automatically Every 24 Hours with One Winding. Fitted with an "Alarm" and "Silent" Switch, also Stop Alarm Button.

Each
No. 1A—Nickel Plated Finish.....$3.00
No. 2A—Old Brass Finish..... 3.00
One in a Box; Weight About 3 Lbs. Each



MISSION
One Day Movement

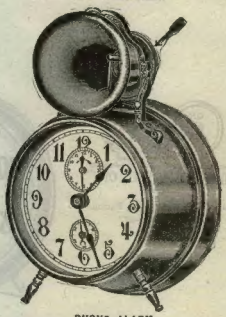
Each
No. 1200—Height, 9¾ in.; Width, 6½ in.; 4 in. White Dial; Mission Oak Finish Case; Rotary Hammer Alarm with Shut-off; Dust Proof Case, Cut Steel Pinions, Double Roller Ratchet Tooth Escapement; Removable from the Back $3.70
One in a Box; Weight 2 Lbs. Each



DRYAD
Thirty-Hour Time

Height, 6¼ in.; Width, 4 in.; 3¼ in. Solid Brass Silvered Dial, Arabic Figures, Intermittent Alarm, Ringing for about a Quarter of a Minute and Silent a Similar Period, Alternately, for Twelve Minutes, but can be stopped at pleasure by Shut-off Switch at back.

Each
No. B—Brass Finish.....$2.10
No. C—Copper Finish..... 2.10
No. N—Nickel Plated..... 2.10
One in a Box; Weight 1½ Lbs. Each



PHONO ALARM
The Noisiest "Sleep Dispeller" Ever Made

Each
No. 135—Height, 7 in.; Width, 5 in.; 3¾ in. White Dial; Coppered Case, Gilt Handle and Alarm Horn; Second Hand; Horn is 3½ in. in Diameter; Shut-off Switch at Side of Horn; **One Day Movement**.....$3.80
One in a Pasteboard Box; Weight 2 Lbs. Each

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

ALARM CLOCKS

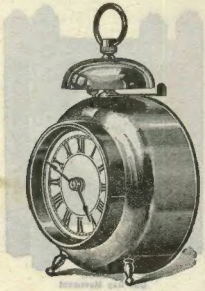
Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight First Class)

Alarm Clocks
Lookout $1.76
Indian $1.42
Ace $3.56



LOOKOUT

One Day Movement; Continuous Alarm

Seamless Metal Case, Nickel Plated; 4 in. at Back, Tapering to a 2¾ in. Dial; Cup Bell on Top of Clock; White Dial, Roman Figures, Plain Glass; Standard Alarm Clock Movement; Continuous Alarm, with Shut-off Switch.

Each

Lookout—2¾ in. Dial; Height 6 in.; Depth 2¼ in.....$1.00
Weight About 1 Lb. Each

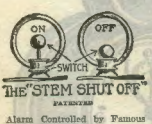
INDIAN

30 Hour Time; Continuous Alarm

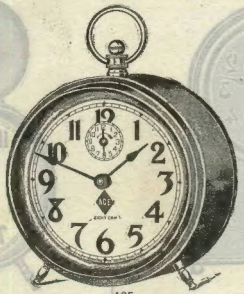
Steel Case, Heavily Nickel Plated; Bell Inside of Case; White Dial, Arabic Figures; Attached Key and Hand Sets; First Class Movement; Continuous Alarm; The Alarm is Released by Raising Ball and is Stopped by Pressing Ball Down.

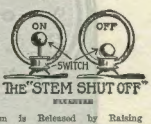
Each

Indian—4 in. Dial; Height 5⅝ in.; Death 2⅜ in.....$1.00
Weight About 1⅛ Lbs. Each



Alarm Controlled by Famous Stem "Shut-off"





Alarm is Released by Raising Ball
Alarm is Stopped by Pressing Ball Down

ACE

Eight Day Time and Alarm; Continuous Alarm

Seamless Brass Case, Nickeled and Polished; Large Bell on Back of Case; White Dial, Large Arabic Figures; Attached Key and Hand Sets; Time and Alarm Runs Eight Days with One Winding; Alarm Controlled by the Famous Stem Shut-off Switch

Each

Ace—4 in. Dial; Height 6 in.....$3.00

Weight About 1¼ Lbs. Each

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight One & One-Half Times First Class)

1847 Cromwell Design
Child's Sets
No. 116.....$30.66

Coffee Spoons
No. 624..... $6.14

Orange Spoons
No. 652..... $7.80
No. 652G..... 12.50

Individual Soup Spoons
No. 718.....$13.70

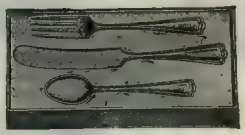
Bouillon Spoons
No. 720.....$10.86

Kelley-How-Thomson Co. of Duluth

SILVER PLATED WARE

High Grade Nickel Silver Base, XS Triple Silver Plated, French Gray Finish

1847 ROGERS BROS.—CROMWELL DESIGN



CHILD'S SETS

Set Consists of Three Pieces, Knife, Fork and Spoon; Steel Blade Knife, Length 7¼ in., Fork 6⅛ in., Spoon 5¼ in.

	Per Dozen Sets
No. 116—Flat Handles	$24.00

COFFEE SPOONS

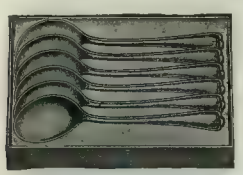
Length 4¼ in.

	Per Dozen
No. 624—Bright Finish Bowls	$4.70

ORANGE SPOONS

Length 5¾ in.

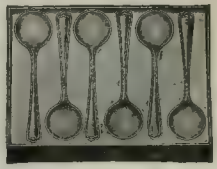
	Per Dozen
No. 652 —Bright Finish Bowls	$ 6.00
No. 652G -Gold Lined Bowls	10.00



INDIVIDUAL SOUP SPOONS

Length 7 in.

	Per Dozen
No. 718—Bright Finish Bowls	$10.50



BOUILLON SPOONS

Length 5⅝ in.

	Per Dozen
No. 720—Bright Finish Bowls	$9.00

All Above, in Satin Lined Fancy Boxes

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight One & One-Half Times First Class)

1847 Cromwell Design Cold Meat Forks
No. 622.....$17.94
No 622-G.... 25.00

Pickle Forks
No. 681.....$14.14

Medium Knives and Forks
No. 158½....$18.90

Dessert Knives & Forks
No. 159½....$15.54

Medium Knives & Forks
No. 155½....$10.58

Kelley-How-Thomson Co. of Duluth

SILVER PLATED WARE

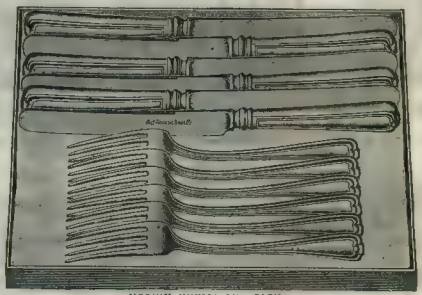
High Grade Nickel Silver Base, XS Triple Silver Plated, French Gray Finish
1847 ROGERS BROS.—CROMWELL DESIGN

COLD MEAT FORKS
One Cutting Tine; Length 8½ in.; Spread of Tines 1⅛ in.

	Per Dozen
No. 62 —Bright Finish Tines	$15.80
No. 662G—Gold Lined Tines	21.00

PICKLE FORKS
Three Tines; Length Over-All 7½ in.

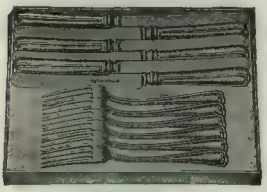
	Per Dozen
No. 681—Burnished Tines	$12.60



MEDIUM KNIVES AND FORKS
Quadruple Silver Plated Hollow Handles, Silver Soldered, Crucible Steel Cutlery Swaged Blades, Length 9¾ in.; Flat Handled Forks, Four Tines, Length Over-All 7¾ in.

	Per Set
No. 158½—Medium Knives and Forks	$12.75

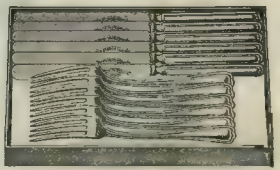
One Set (Six Knives and Six Forks) in a Cardboard Box



DESSERT KKIVES AND FORKS
Quadruplé Silver Plated; Hollow Handled Knives, 8¾ in. Long; Flat Handled Forks, Four Tines, Length Over-all 7 in.

	Per Set
No. 159½—Dessert Knives and Forks	$11.75

One Set (Six Knives and Six Forks) in a Cardboard Box



MEDIUM KNIVES AND FORKS
Solid Handled Knives, Crucible Steel, Straight Blades; Four Tines, Flat Handle Forks, Length of Knives Over-All 9¾ in., Length of Forks 7¾ in.

	Per Set
No. 155½—Medium Knives and Forks	$8.70

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

SILVER PLATED WARE

High Grade Nickel Silver Base, XS Triple Silver Plated, French Gray Finish
1847 ROGERS BROS.—CROMWELL DESIGN

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight One & One-Half Times First Class)

1847 Cromwell Design

Berry Spoons
No. 615.....$28.32
No. 615G.....36.70

Pie Servers
No. 621.....$38.70

Butter Knives and Sugar Shell
No. 604.....$28.74
No. 604G.....32.56

Cream Ladles
Plain $17.46
Gold 24.54

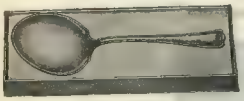
Gravy Ladles
Plain $23.12
Gold 33.50

Medium Ladles
Plain $71.72

Individual Butter Spreaders
No. 652..... $9.90

Individual Salad Forks
No. 717.....$12.28

Oyster Forks
No. 622..... $8.02

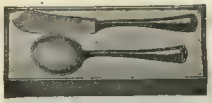


BERRY SPOONS
Length 8¾ in.

	Per Dozen
No. 615 —Bright Finish Bowl	$24.00
No. 615G—Gold Lined Bowl	33.00

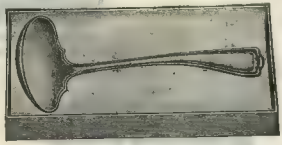
PIE SERVERS
Hollow Handles, Silver Soldered, Crucible Steel Silver Plated Blade, Bright Finish

	Per Dozen
No. 621—Length Over-All 10 in.	$30.00



BUTTER KNIFE AND SUGAR SHELL
Set Consists of One Butter Knife, Length 7½ in., and One Sugar Shell, Length 6 in.

	Per Dozen Sets
No. 604 —Bright Finish Blade and Bowl	$22.00
No. 604G—Bright Finish Blade, Gold Lined Bowl	26.00

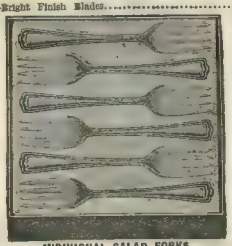


LADLES

	Length In	Width Bowl, In.	Per Dozen Plain	Gold
Cream	5⅝	1¾	$12.50	$10.50
Gravy	7¼	2⅝	18.00	27.00
Medium	11	3½	48.00	.....

INDIVIDUAL BUTTER SPREADERS
Length 6¼ in.

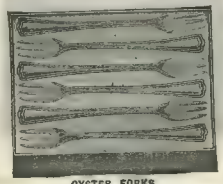
	Per Dozen
No. 652—Bright Finish Blades	$2.50



INDIVIDUAL SALAD FORKS
Length 6 in.

	Per Dozen
No. 717—Four Tines, Bright Finish	$3.50

All Above, In Satin Lined Fancy Boxes



OYSTER FORKS
Length 6 in.

	Per Dozen
No. 622—Three Tines, Bright Finish	$ 6.30

All Above, In Satin Lined Fancy Boxes

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

Kelley-How-Thomson Co. of Duluth

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight First Class)

Hohner's
No. A25..... $6.12
No. 200..... 10.00
No. 426..... 6.12
No. 450..... 10.56

HARMONICA ASSORTMENTS

Increase Your Harmonica Business 100% by placing one of these Ideal Exhibits on your Counter or in your Show Window. Goods well displayed are half sold

DISPLAY BOX ASSORTMENT

Handsome Display Case, Made of Imitation Alligator Skin, Containing an Assortment of Twelve 25-cent Hohner Harmonicas in Three Diferent Styles and Seven Keys. Each Instrument has 10 Single Holes, 20 Reeds, Brass Plates and Nickel Plated Covers and is contained in an Attractive Individual Hinged Box. These Harmonicas represent the Height of Perfection with regard to Tuning and Everything else that make for quality

Per Assortment

No. A25—Handsome Display Case and Twelve Harmonicas..$4.00
One Assortment in a Box, Weight 2½ Lbs.

DISPLAY CARD ASSORTMENT

This Assortment Embodies a very Attractive Display Stand made in the shape of a Lyre which will serve as a Handsome Decoration in a Shop Window or in a Show Case, and an Assortment of Twelve Hohner Harmonicas consisting of Four Instruments to Retail at 25c each, Three to Retail at 35c each, Three to Retail at 50c each, One to Retail at 75c and One to Retail at $1.00.

Per Assortment

No. 200—Display Card and Twelve Harmonicas.....$7.00
One Assortment in a Box; Weight 5 Lbs.

HOHNER BOY ASSORTMENT

Height of Card 21¼ in., Width 16¼ in.

This Easel Back Display Card is Original in Design and Very Attractive, being Lithographed in Four Colors and Ornamented in Gold.

The Harmonicas are Fastened on New Patented Metal Clamps which hold the Goods firmly and Display them in the very best advantage. As the Harmonicas are sold they can be replaced with New Goods as each one is a standard in stock.

Per Assortment

No. 425—25-Cent Assortment; Consists of One Dozen Harmonicas made up of Three Each in Four Different Styles with an Assortment of Keys.....$4.20
One Assortment in a Box; Weight 4 Lbs.

No. 450—50-Cent Assortment; Consists of One Dozen Harmonicas made up of Two Each in Six Different Styles with an Assortment of Keys.....$7.70
One Assortment in a Box; Weight 5¾ Lbs.

NOTICE.
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HARMONICAS

A Carefully Selected Line of Amateur and Professional Harmonicas Manufactured by M. Hohner

(Freight First Class)

Hohner's

No. 1896½	$9.78
No. 67	9.78
No. 3CND	10.56
No. 440	10.56
No. 505	10.56
No. 1896 Oct.	11.66
No. 2561	11.66
No. 345	15.54
No. 453	15.54
No. 46½	22.20
No. 157	22.20

UP TO DATE

Per Dozen

No. 1896½—10 Double Holes, 20 Brass Reeds, Brass Plates, Nickel Plated Brass Covers, Convex Shaped; Concert Size; Length 4⅝ in., One in a Silk Lined Leatherette Case, with Lock.....$7.00

Half Dozen in a Box

Weight per Dozen 4 Lbs.

MARINE BAND

Per Dozen

No. 67—10 Double Holes, 20 Reeds, Brass Plates, Nickel Plated Convex Covers with Flat Sides; Length 4⅛ in.; One in a Leatherette Pouch with Glove Fastener $7.00

Half Dozen in a Box

Weight per Dozen 3½ Lbs.

FULL CONCERT HARP

Per Dozen

No. 3CND—10 Double Holes, 40 Reeds, Brass Plates, Nickel Plated Brass Covers, Folded Over Ends; Length 4⅝ in.; An Ideal Instrument for Solo or Concert Playing.....$7.70

Half Dozen in a Package

Weight per Dozen 3 Lbs.

MARINE ORCHESTRA

New Double Octave Tuning

Per Dozen

No. 440—10 Double Holes, 40 Reeds, Heavy Nickeled Convex Covers, with Turned-in Ends; Length 4⅝ in.....$7.70

Half Dozen in a Package

Weight per Dozen 3¼ Lbs.

ECHO

Double-Sided, Tremolo-Tuned

Per Dozen

No. 505—32 Double Holes, 64 Bell Metal Reeds, Brass Plates, Finely Nickel Plated Covers with Turned-in Ends; Length 5¼ in.$7.70

Half Dozen in a Package

Weight per Dozen 5¼ Lbs.

MARINE BAND

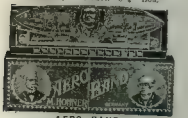
Full Concert, Decidedly a Quality Harp

Per Dozen

No. 1896 Oct—10 Double Holes, 40 Reeds, Brass Plates, Heavy Convex Brass Covers, Nickel Plated, with Turned-in Ends; Length 4⅝ in.....$8.30

Half Dozen in a Package

Weight per Dozen 3 Lbs.



AERO BAND

Per Dozen

No. 2561—14 Double Holes, 28 Tremolo Tuned Reeds, Brass Plates; One-Piece Metal Cover in Imitation Gold and Silver Plating; Length 5 in.....$8.20

Half Dozen in a Box

Weight per Dozen 4¼ Lbs.

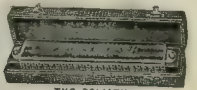
MARINE BAND

Per Dozen

No. 345—12 Double Holes, 48 Reeds, permitting a very large range, Brass Plates, Heavy Nickel Plated Covers, and Extension Ends; Length 8 in.....$10.60

Half Dozen in a Box

Weight per Dozen 5¼ Lbs.



THE GOLIATH

Per Dozen

No. 453—24 Double Holes, 48 Reeds, Brass Plates, Heavy Convex Covers, Nickel Plated and Open Back and Tremolo Tuned; Length 7½ in.....$10.60

Half Dozen in a Box

Weight per Dozen 7½ Lbs.

UP TO DATE TREMOLO HARP

Per Dozen

No. 46½—32 Double Holes, 64 Reeds, Brass Plates, Nickel Covers, Fancy Silver Stamped Extension Ends, Two Harmonicas in One, Two Different Keys; In Silk Lined Leatherette Case; Length 7½ in.....$16.00

Half Dozen in a Box; Weight per Dozen 8½ Lbs.

VICTORIA

Per Dozen

No. 157—Extra Large Size Double-Sided Tremolo Harp, 8¼ in. Long, and in Two Different Keys; 80 Reeds, Brass Plates, Heavy Nickel Plated Covers with Artistic Scroll Designing; Extension Ends with Fancy Silver Pressed Decorations; In Neat Leatherette Case, Gold Lettered $16.00

Half Dozen in a Box; Weight per Dozen 8½ Lbs.

NOTICE.

Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by Lists on Page.

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

HARMONICAS

A Carefully Selected Line of Amateur and Professional Harmonicas Manufactured by M. Hohner

(Freight First Class)

Hohner's

No. 412	$1.00
No. 00	2.00
No. 34B	6.00
No. 50B	5.00
No. 1905	5.56
No. 342	6.12
No. 481	6.12
No. 482	5.88
No. 1896	6.12
No. 61	6.12
No. 153	6.12
No. 1900	6.12
No. 30	6.12

THE FLYER

Per Dozen

No. 412—10 Single Holes, 10 Reeds; Nickel Plated Covers; Length 4 in. $0.80
One Dozen in a Package
Weight ⅝ Lbs. per Dozen

BLUE RIBBON

Per Dozen

No. 00—10 Single Holes, 20 Reeds; Brass Coated Plates, Nickel Plated Covers; Length 2¾ in..$1.60
Half Dozen in a Package
Weight 1⅛ Lbs. per Dozen

NEW BEST QUALITY

Per Dozen

No. 34B—10 Single Holes, 20 Brass Reeds; Brass Plates; Nickel Plated; Flat Raised Covers, secured with screws; Length 4 in..$3.70
Half Dozen in a Package
Weight 2 Lbs. per Dozen

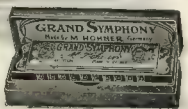
NEW BEST QUALITY

Per Dozen

No. 50B—10 Double Holes, 20 Reeds; Brass Plates, Nickel Plated Flat Raised Covers; Length 4 in....$3.70
Half Dozen in a Package
Weight 2½ Lbs. per Dozen

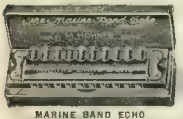
RAINBOW

Per Dozen

No. 1905—10 Single Holes, 20 Reeds, Brass Plates, Curved Nickel Plated Covers; Length 4 in....$3.85
Half Dozen in a Package
Weight 2¾ Lbs. per Dozen

GRAND SYMPHONY

Per Dozen

No. 342—10 Single Holes, 20 Reeds, Brass Plates, Nickel Plated Covers; Length 4¼ in.....$4.20
Half Dozen in a Package
Weight 2½ Lbs. per Dozen



MARINE BAND ECHO

Per Dozen

No. 481—10 Single Holes, 20 Reeds, Brass Plates; Nickel Plated Covers; Length 4¼ in; Weight per Dozen 2¼ Lbs..... $4.20
No. 482—Length 4⅞ in; Same Shape as No. 481 shown above but made larger all around. Weight Per Dozen 3 Lbs..... 6.00
Half Dozen in a Package

MARINE BAND

Per Dozen

No. 1896—10 Single Holes, 20 Brass Reeds, Brass Reed Plates; Heavy Convex Brass Covers Finely Nickel Plated, with Open Back; Length 4 in.....$4.20
Half Dozen in a Package
Weight per Dozen 2¾ Lbs.

UP TO DATE SURPRISE

The Heavy Novel-Shaped Covers make this number a Ready Seller

Per Dozen

No. 61—10 Single Holes, 20 Reeds, Brass Plates, Nickel Plated Covers; Length 4 in.....$4.20
Half Dozen in a Package
Weight per Dozen 2¼ Lbs.

NEW ECHO

Per Dozen

No. 153—14 Double Holes, 28 Reeds Mounted on Brass Plates and in Octave Tremolo Tuning; Covers Nickel Plated with Ends Turned in; In Neat Box..... $4.20
Half Dozen in a Package
Weight 3¼ Lbs. per Dozen

SECOND TO NONE

Per Dozen

No. 1900—10 Single Holes, 20 Reeds, Brass Plates, Nickel Plated, Rounded Covers, Improved Pattern; Length 4 in.....$4.20
Half Dozen in a Package
Weight 2⅛ Lbs. per Dozen

IRONCLAD

Per Dozen

No. 30—10 Single Holes, 20 Reeds, Brass Plates; Heavy Nickeled Covers with Open Back; Has New Invention Consisting of a Metal Stripod so Shaped that it completely encloses the wooden partitions between the reed holes; Length 4¼ in..... $4.20
Half Dozen in a Box
Weight 2½ Lbs. per Dozen

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

Kelley-How-Thomson Co. of Duluth

Dating May 1, 1916

SHAVING OR LATHER BRUSHES

2¼ in. Bristles; Length Over-All 3⅝ in.

Perfect—Black Enameled Wood Handle, Extra Long Metal Ferrule; Best Selected White Bristles ..... Per Dozen $4.00
Half Dozen in a Box

2¼ in. Bristles; Length Over-All 5¼ in.

No. 203—Neat Ebonized Handle; Special French Bristles; A Good Serviceable Brush..... Per Dozen $4.80
Half Dozen in a Box

2⅜ in. Bristles; Length Over-All 5 in.

No. 202—Fancy Ebonized Handle; Special White French Bristles; Very Servicable..... Per Dozen $4.80
Half Dozen in a Box

2⅜ in. Bristles; Length Over-All 5 in.

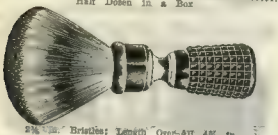
No. 201—Fancy Ebonized Handle; Soft Imported Mixed Hair; Very Neat and Servicable..... Per Dozen $4.50
Half Dozen in a Box

2¾ in. Bristles; Length Over-All 5⅝ in.

No. 208—Rosewood Finished Handles; Ebonized Ferrules; Imported Mixed Hair; Very Showy ..... Per Dozen $4.00
Half Dozen in a Box

2¼ in. Bristles; Length Over-All 5 in.

No. 175—Ebonized Handles; Non-Corroding Nickel Ferrule; Selected White French Bristles..... Per Dozen $3.75
Half Dozen in a Box



2⅜ in. Bristles; Length Over-All 4⅝ in.

No. 120—Fancy Ebonized Handles, Metal Trimmings; Special Mixed Bristles, Good Quality Badger Effect..... Per Dozen $3.60
Half Dozen in a Box

2 in. Bristles; Length Over-All 5¾ in.

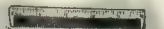
No. 71—Fibre Finished Handle, Jet Ferrule; Special Grey Mixed Bristles, Badger Effect..... Per Dozen $1.80
Half Dozen in a Box

ALUMINUM COMBS

Made from Pure Nickel-Aluminum, Properly Finished, with Thoroughly Rounded, Tapered, and Polished Teeth; Unsurpassed for Utility, Beauty, Cleanliness and Durability; Non-Tarnishable and Sanitary

No. 21—3⅜x⅝ in.; Coarse and Fine..... Per Dozen $0.80

No. 33—4⅛x⅞ in.; Coarse and Fine..... Per Dozen $1.20



No. 66—5⅛ in.; Coarse and Fine; Extra Heavy, with 5 in. Mechanics' Rule..... Per Dozen $1.60

No. 42—7⅛ in.; Coarse and Fine, Plain Polished..... Per Dozen $3.00

No. 52—6⅞x1⅞ in.; Coarse and Fine..... Per Dozen $2.00

No. 844—7⅛x1¼ in.; Coarse and Fine..... Per Dozen $2.80

NOTICE.
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APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight First Class)

Lather Brushes

Perfect	$4.44
No. 202	5.34
No. 202	5.00
No. 201	4.44
No. 200	4.44
No. 175	4.00
No. 120	2.90
No. 80	1.90

Aluminum Combs

No. 21	$0.90
No. 33	1.34
No. 66	1.78
No. 42	2.22
No. 52	2.22
No. 944	3.12

2¼ in. Bristles; Length Over-All 4⅝ in. Per Dozen

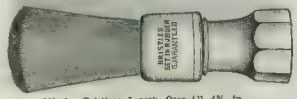
No. 720—Rosewood Finished Handles; Special Grade Badger Mixed Hair, Set in Hard Vulcanized Rubber.....$14 40

Half Dozen in a Box

2¼ in. Bristles; Length Over-All 4⅝ in. Per Dozen

No. 602—Octagon Shaped Bone Handles; Selected Grade Imported Mixed Hair, Set in Hard Vulcanized Rubber $12 00

Half Dozen in a Box



2¼ in. Bristles; Length Over-All 4⅝ in. Per Dozen

No. 601—Fancy Design Egyptian Ivory Handles; White French Bristles, Set in Hard Vulcanized Rubber....$13.00

Half Dozen in a Box

2¼ in. Bristles; Length Over-All 4⅝ in. Per Dozen

No. 600—Fancy Egyptian Ivory Handles; Special Mixed Badger Hair, Set in Hard Vulcanized Rubber $12 00

Half Dozen in a Box

2⅛ in. Bristles; Length Over-All 4⅝ in. Per Dozen

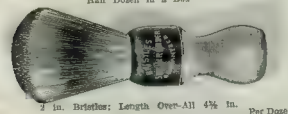
No. 500—Egyptian Ivory Handles; Selected Grade White French Bristles, Set in Hard Vulcanized Rubber....$10.80

Half Dozen in a Box

2⅛ in. Bristles; Length Over-All 4⅝ in. Per Dozen

No. 412—Ebonized Handles; Egyptian Ivory Ferrules; White Bristles, Badger Effect, Set in Hard Vulcanized Rubber.$8.00

Half Dozen in a Box



2 in. Bristles; Length Over-All 4⅜ in. Per Dozen

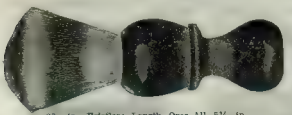
No. 411—Bone Handles; Black Ferrules; Soft Imported Mixed Hair, Set in Hard Vulcanized Rubber.....$8.00

Half Dozen in a Box

2¼ in. Bristles; Length Over-All 4⅝ in. Per Dozen

No. 410—Rosewood Finished Handles; Egyptian Ivory Ferrules; White French Bristles, Set in Hard Vulcanized Rubber $9.00

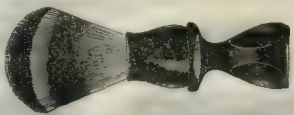
Half Dozen in a Box



2⅜ in. Bristles; Length Over-All 5¼ in. Per Dozen

No. 300—Ebonized Handles; Neat Design; Soft Imported Mixed Hair.....$8.00

Half Dozen in a Box



2¼ in. Bristles; Length Over-All 4⅝ in. Per Dozen

No. 204—Fancy Ebonized Handles, Fancy Non-Corroding Nickel Ferrules; Soft Imported Mixed Hair.....$5 00

Half Dozen in a Box

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Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

Kelley-How-Thomson Co. of Duluth

SHAVING OR LATHER BRUSHES

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight First Class)

"RUBBERSET"

The wonderful success of the Rubberset Shaving Brush is due to its forever-and-a-day fast bristle-setting. The bristles which are carefully selected as to length and quality, are first embedded in a solid head of soft rubber, this head is then bound with a metal belt and placed in a die and vulcanized (hardened) under heat and pressure, the result is a solid vulcanized head in which the bristles are so thoroughly anchored that it retains every single bristle until the brush wears out.

Guaranteed
Not to Shed its Bristles or Fall Apart

Guaranteed
To Withstand Hot Water, Cold Water, Soap or Hard Usage

Per Dozen

No. 400—Rubberset; 2¼ in. Imported White Bristles, Non-Corrosive Metal Ferrule, Ebonized Handle; Length Over-All 5½ in....$4.00

No. 49—Rubberset; Best Quality Selected Steam Straightened White Bristles, Hard Rubber Set and Round, Polished Wood Handle.

Per Dozen

Size 1—2 in. Bristles; Length Over-All 5¼ in.. .....$8.00
Size 2—2¼ in. Bristles; Length Over-All 5½ in..... 9.00

Half Dozen in a Partitioned Cardboard Box

Per Dozen

No. 251—Rubberset; 2 in. Mixed Badger Hair Bristles, Hard Rubber Set and Round, Carved White Bone Handle; Length Over-All 4¾ in.....$18.00

2⅛ in. Bristles; Length Over-All 4⅛ in.

Per Dozen

No. 1800—Fancy Design Egyptian Ivory Handles; Pure Badger Hair, Set in Hard Vulcanized Rubber.....$36.00

Half Dozen in a Box

2 in. Bristles; Length Over-All 4⅛ in.

Per Dozen

No. 1080—Special Design Egyptian Ivory Handles; Selected Quality Genuine Badger Hair, Set in Hard Vulcanized Rubber $24.00

Half Dozen in a Box

2¼ in. Bristles; Length Over-All 4⅝ in.

Per Dozen

No. 851—Fancy Design Egyptian Ivory Handle; Special Mixed Badger Hair, Set in Hard Vulcanized Rubber.....$18.00

Half Dozen in a Box

2¼ in. Bristles; Length Over-All 4⅝ in.

Per Dozen

No. 800—Egyptian Ivory Handles; Selected Quality Badger Mixed Hair, Set in Hard Vulcanized Rubber.....$16.00

Half Dozen in a Box

Lather Brushes

No.	400	$ 5.00
No.	49— size 1	8.88
No.	49— size 2	10.00
No.	251	$2.20
No.	1800	$3.96
No.	1080	$3.30
No.	851	$2.20
No.	800	19.98

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APPROXIMATE NET PRICES

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(Freight, First Class)

Strainer Traps
Rayfield .....
List Plus 48.1%

Baffle Plate Stoves
All Sizes .....
List Plus 48.1%

Hot Air Flexible Tubing

¾ in.	$0.22
1 in.	.28
1¼ in.	.31
1½ in.	.44

CARBURETORS

"RAYFIELD" STRAINER TRAPS

Exterior View

Too much importance cannot be attached to the use of a Good Gasoline Strainer-Trap. A great deal of the so-called carburetor trouble is caused by dirt and water in the gasoline.

Straining the gasoline when it is put into the tank will not eliminate this trouble entirely, as there is a certain amount of disintegration from the walls of the tank, and water is also formed through condensation in the tank. This passes into the carburetor and causes trouble. A Good Trap is Necessary.

The Rayfield Strainer-Trap is not only the Best, but Extremely Simple and Easy of Access.

Section View

The Gasoline enters at one end, flows directly to the bottom, and in rising passes through a fine metal screen. All dirt and water is left in the bottom to be drained off through the cock.

INSTALLATION

The Rayfield Strainer-Trap is placed anywhere between the tank and carburetor in the gasoline line.

The Trap is furnished with a Brace by which to fasten it to any convenient frame or other car member, and it can be placed in the most accessible position.

Always Install the Trap with Arrow Pointing Towards the Carburetor.

TO CLEAN

Simply Loosen the Thumb Screw in Top, Remove Clamp and Lift Out Cover and Strainer. Clean Strainer and Replace. This should be done occasionally. Trap should be drained through cock once a month or oftener. Trap is 5 inches High and 2½ inches Wide. Furnished Complete as shown, with Drain Cock, Brace and Two Connections, to take ¾ inch, ⅝ inch or ½ inch O. D. Tubing. ⅞ inch Connection Furnished Unless Otherwise Ordered.

	Each
Rayfield Strainer Trap—Cast Brass	$2 00

HOT AIR FITTINGS

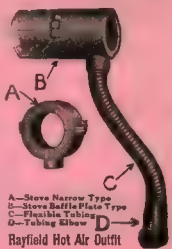
Heat Must be Furnished to the Carburetor to Properly Vaporize Low Grade Fuel and to Secure the Maximum Efficiency from Your Motor.

The Rayfield Method of getting Additional Heat to the Carburetor has Proven to be Correct. A Stove or Housing is Clamped, Around the Exhaust Manifold or Exhaust Pipe, and Heat is Transferred by Means of Flexible Tubing to the Fixed Air Intake of the Carburetor. The Pure Heated Air Comes in Direct Contact with the Gasoline at the Opening of the Nozzle, Thereby Producing Perfect Vaporization.

Installation of this outfit is made by locating the stove just back of the last cylinder in order that the highest degree of heat be secured from all cylinders. One end of the flexible tubing is fitted into the stove and the other end into the elbow attached to the fixed air opening of the carburetor. The ends can be fastened by soldering or by using a cotter pin.

In Ordering, Specify Outside Diameter of Exhaust Manifold or Exhaust Pipe at a Point where Stove is to be Attached. Give Length of Tubing Required, Allowing Sufficient Length for Bends and Turns.

For Best Results Use the Baffle Plate Stove.



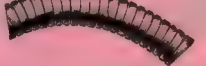
A—Stove Narrow Type
B—Stove Baffle Plate Type
C—Flexible Tubing
D—Tubing Elbow

Rayfield Hot Air Outfit

BAFFLE PLATE STOVES

		Each
No. 99-F—Length 6 in., Can be Bored from 1½ to 2¾ in.		$1 65
No. 134-F—Length 6 in., Can be Bored from 2½ to 3¼ in.		2 30
No. 141-F—Length 4 in., Can be Bored from 2¼ to 2⅞ in.		1 75
No. 143-F—Length 4 in., Can be Bored from 1⅞ to 1¾ in.		1 75
No. 131-F—Length 4 in., Can be Bored from 1¾ to 2¼ in.		1 40
No. 918-F—Length 4 in., Can be Bored from - to 3¾ in.		1 85

HOT AIR FLEXIBLE TUBING



A High Grade Flexible Metal Tubing to be used for Conveying Hot Air from Exhaust Pipe to Carburetor. Can be used for Connection to Exhaust Horn, also Very Serviceable for Enclosing and Protecting Electric Light and Ignition Wires and Cables.

Inside Diameter, in.	¾	1	1¼	1½
Per Foot	$0.20	.25	.30	.90

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Dating May 1, 1916

APPROXIMATE NET PRICES

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(Freight, First Class)

Rayfield
Entire Page..
List Plus 43.1%

CARBURETORS

"RAYFIELD"

The Exclusive Design of Rayfield Carburetors Permit the Great Advantage of having Three Air Intakes: The **Constant Air Opening** Furnishes Air at All Speeds. The **Mechanical Air Opening** Operated with the Throttle is open beyond the one-quarter point. The **Automatic Air Valve** is effecting at varying speeds and supplies additional air in exact proportion to the requirement of the motor.

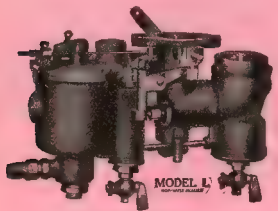
Improved Float Arrangement Maintains a Correct Gasoline Level and Insures Freedom from Leaking and Flooding. It is perfectly adapted to both Gravity and Pressure Feed System. Water is cause of much carburetor trouble; the Float Chamber construction provides perfect draining facilities which prevent the possibility of such trouble.

Rayfield Carburetors are Easy to Adjust; You Cannot Make a Mistake in Adjusting as Directions are Plainly Marked on the Adjustments.

Throttle Stop Arm has a Positive Locking Device.

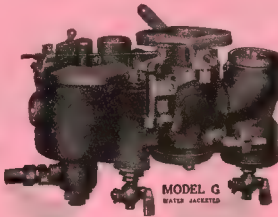
Needle Valve and the Mechanical Air Valve are Operated Simultaneously by the Throttle, thus Regulating the Fuel Supply in Correct Proportion to the Air Admitted.

An Improved Strainer Trap is embodied in all models. This Eliminates the Possibility of Trouble Due to Dirty Fuel. This New Trap Construction Permits the Gasoline Connection to be Set in Any Position Desired. Dirt Can be Easily Removed.



MODEL L
Non-Water Jacketed

Nos.	Size	Each
L2	1 in.	$20.00
LL2	1 in.	20.00
L3	1¼ in.	22.50
LL3	1¼ in.	22.50
L4	1½ in.	25.00

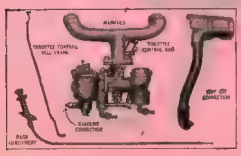


MODEL G
Water Jacketed

Nos.	Size	Each
G2, and GL2	1 in.	$25 00
GL2A	1 in. Special Buick	27.35
G3, and GL3	1¼ in.	30 00
GL3A	1¼ in. Special Buick	32 25
G4, and GL4	1½ in.	35 00
G5	1¾ in.	40 00
G6	2 in.	47.00

Left Hand Models are Numbered GL

Nets—Unless Otherwise Specified Six Feet of Hot Water Tubing, and One Shut-Off Cock will be Furnished with Each Model G



FORD SPECIAL RAYFIELD CARBURETORS

Ford-Rayfield Carburetor Assembly

A Rayfield Carburetor on a Ford Car gives Rayfield Results, which means Greater Efficiency in the Production of More Power, More Speed, Greater Flexibility, Easy Starting and Less Carbon.

This Complete Ford Assembly, Consists of a Size 1 in. Model B Rayfield Carburetor, a Specially Designed Ford Manifold Hot Air Fitting, Throttle Control Bell Crank, Throttle Control Rod, Special Gasoline Connection and Dash Adjustment. Packed in a Box Complete, Ready for Quick Installation.

	Each
Ford Special Rayfield—Complete with All Fittings	$38.00

NOTICE.
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APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight, First Class)

Schebler
Entire Page..
List Plus 48.1%

CARBURETORS

"SCHEBLER"

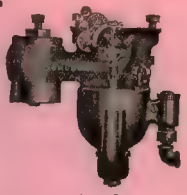
Model R

The Model "R" Carburetor is Designed for use on Both Four and Six-cylinder Motors. It is a Single Jet Raised Needle Type of Carburetor, Automatic in Action. The Air Valves Controls the Lift of the Needle and Automatically Proportions the Amount of Gasoline and Air at All Speeds.

The Model "R" is Designed with an Adjustment for Low Speed; as the Speed of the Motor Increases, the Air Valve Opens, Raising the Gasoline Needle, thus Automatically Increasing the Amount of Fuel. Has but Two Adjustments—the Low Speed Needle Adjustment, which is made by Turning the Air Valve Cap, and Adjustment on the Air Valve Spring for Changing its Tension.

Has an Eccentric which Acts on the Needle Valve, Intended to be Operated Either from the Steering Column or from the Dash, and Insures Easy Starting, as by Raising the Needle from the Seat an Extremely Rich Mixture is Furnished for Starting, and for Heating up the Motor in Cold Weather. A Choker in the Air Bend is also Furnished.

	Standard Sizes			
Size, In.....	1	1½	1½	1¾
Each	$18.75	20.35	21.75	30.35



Model L

The Model "L" Carburetor is Designed for the Exacting Needs of High Speed Motors where Low Throttling, Rapid Acceleration, Maximum Power and Speed are Required. It is the Most Improved Type of Lift Needle Carburetor and is so Designed that the Amount of Fuel Entering the Motor is Automatically Controlled by Means of a Raised Needle Working Automatically with the Throttle. The Adjustment or Control of Gasoline in this Instrument Can be Adjusted for Low, Intermediate or High Speed, Each Adjustment Being Independent and not Affecting Either of the Other Adjustments.

The Model "L" is Furnished with a Bend for Connecting or Taking Warm Air from Around the Exhaust Manifold into the Initial Air Opening of the Carburetor by Means of the Hot Air Drum and Tubing.

	Standard Sizes				
Size, In.....	1	1¼	1½	2	2½
Each $13.50	15.00	16.75	22.50	37.50	60.00

CARBURETOR CONTROLS

No. 100
Dash Board Control
Regular Type

No. 200
Dash Board Control
Plunger Type

No. 500 Steering Column Control

Dash Board Controls for the Carburetors should be Attached in some Convenient Place on the Dash Board of the Car. In Attaching the Model "L" Dash Control Carburetor in some Instances it is necessary to use the Dash Board Adjuster and Bell Crank to take care of the offset in the line of Throttle Controls.

The Dash Board Control is Furnished Standard with Three Feet of Tubing and Wire. The Steering Column Control should be Installed Upon the Steering Post. As the Steering Column Control is Made with Different Sized Bands for Attaching, the Circumference of the Steering Post Should be Given. The Steering Column Control is Furnished Standard with Five Feet of Tubing and Wire. If Additional Length of Tubing is Required, same should be so Specified on the Order

Nos.	100	200	500
Each	$3.00	3.00	2.00

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HOT AIR DRUMS

The Carburetion of the Heavy Grade of Gasoline which is now so prevalent requires a certain amount of heat. By Connecting this Hot Air Intake so as to Draw the Warm Air Off the Manifold, Better Results will be Obtained. For this purpose a Hot Air Drum has been Designed which will Adjust Itself to almost any Style Exhaust Manifold. Flexible Tubing with One Inch Inside Diameter will Fit the Air Intake and Connect with the Drum. In Ordering this Connection Give Exact Length of Tubing Required.

SCHEBLER

	Each
No. SD—Hot Air Drum.....	$0.75

Kelley-How-Thomson Co. of Duluth

Dating May 1, 1916

APPROXIMATE NET PRICES

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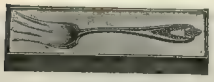
(Freight One & One-Half Times First Class)

SILVER PLATED WARE

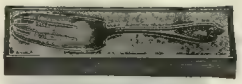
High Grade Nickel Silver Base, XS Triple Silver Plated, French Gray Finish
1847 ROGERS BROS.—OLD COLONY DESIGN



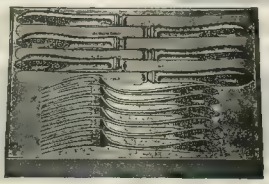
BEEF FORKS
Four Tines; Length Over-All 7¼ in. Per Dozen
No. 715—Burnished Tines.....$12.50

PICKLE FORKS
Three Tines; Length Over-All 7¼ in. Per Dozen
No. 681—Burnished Tines.....**$12.00**

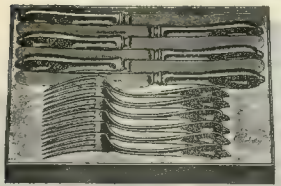
COLD MEAT FORKS
One Cutting Tine; Length 8½ in.; Spread of Tines 1½ in.
Per Dozen
No. 662—Bright Finish Tines.....$15 00
No. 662G—Gold Lined Tines.....21.00



CAKE FORKS
Three Tines; Length Over-All 7¾ in.
Per Dozen
No. 729—Bright Finish Tines.....**$15.00**



MEDIUM KNIVES AND FORKS
Quadruple Silver Plated Hollow Handles, Silver Soldered, Crucible Steel Cimiter Swaged Blades, Length 9¾ in.; Five Handled Forks, Four Tines, Length Over-All 7¾ in. Per Set
No. 150½—Medium Knives and Forks.....**$12.75**
One Set (Six Knives and Six Forks) in a Cardboard Box



DESSERT KNIVES AND FORKS
Quadruple Silver Plated; Hollow Handled Knives, 8¾ in. Long; Flat Handled Forks, Four Tines, Length Over-all 7 in
Per Set
No. 150½—Dessert Knives and Forks.....$11.75
One Set (Six Knives and Six Forks) in a Cardboard Box

MEDIUM KNIVES AND FORKS
Solid Handled Knives, Crucible Steel, Straight Blades; Four Tines, Flat Handle Forks, Length of Knives Over-All 9¾ in., Length of Forks 7¾ in.
Per Set
No. 155½—Medium Knives and Forks.....**$9.70**

1847 Old Colony Design

Beef Forks
No. 715.....$16.06

Pickle Forks
No. 681.....$14.14

Cold Meat Forks
No. 662.....$17.94
No. 662G.....25.00

Cake Forks
No. 729.....$19.34

Medium Knives and Forks
No. 158½....$16.90

Dessert Knives and Forks
No. 159½....$15.54

Medium Knives and Forks
No. 155½....$10.58

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight One & One-Half Times First Class)

1847 Old Colony Design
Tomato Servers
No. 714.....$31.16

Berry Spoons
No. 615.....$28.32
No. 615G.....38.70

Jelly Knives
No 683.....$28.12

Pie Servers
No. 621.....$38.70

Butter Knife & Sugar Shell
No. 604.....$27.84
No. 604G.....32.56

Cream Ladles
Plain $17.46
Gold 24.54

Gravy Ladles
Plain $23.12
Gold 33.50

Medium Ladles
Plain $71.72

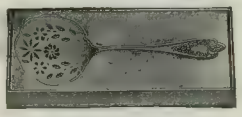
Individual Salad Forks
No. 717.....$12.30

Oyster Forks
No. 622..... $8.02

Individual Butter Spreaders
No. 652..... $9.90

SILVER PLATED WARE

High Grade Nickel Silver Base, XS Triple Silver Plated, French Gray Finish
1847 ROGERS BROS.—OLD COLONY DESIGN

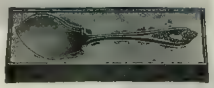


TOMATO SERVERS
Length 8¼ in.

	Per Dozen
No. 714—Bright Finish Bowl	$34.00

BERRY SPOONS
Length 8¾ in.

	Per Dozen
No. 615 —Bright Finish Bowl	$24.00
No. 615G—Gold Lined Bowl	33.00

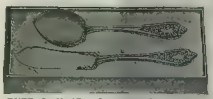


JELLY KNIVES
Length Over-All 5 in.

	Per Dozen
No. 683—Silver Plated Steel Blade, Bright Finish	$18.00

PIE SERVERS
Hollow Handles, Silver Soldered, Crucible Steel Silver Plated Blade; Bright Finish

	Per Dozen
No. 621—Length Over-All 10 in.	$30.00

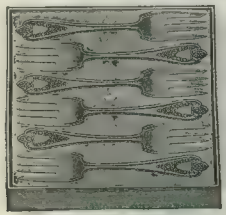


BUTTER KNIFE AND SUGAR SHELL
Set Consists of One Butter Knife, Length 7⅛ in., and One Sugar Shell, Length 6 in.

	Per Dozen Sets
No. 604 —Bright Finish Blade and Bowl	$22.00
No. 604G—Bright Finish Blade, Gold Lined Bowl	26.00

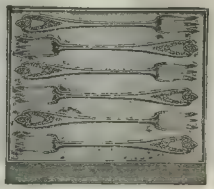
LADLES

	Length In.	Width Bowl, In.	Per Dozen Plain	Gold
Cream	5⅝	1¾	$13.50	$19.50
Gravy	7¼	2¾	18.00	27.00
Medium	11	3½	48.00	.....



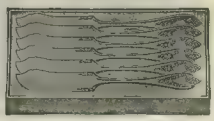
INDIVIDUAL SALAD FORKS
Length 6 in.

	Per Dozen
No. 717—Four Tines, Bright Finish	$9.60



OYSTER FORKS
Length 5 in.

	Per Dozen
No. 622—Three Tines, Bright Finish	$ 6.30



INDIVIDUAL BUTTER SPREADERS
Length 6¼ in.

	Per Dozen
No. 652—Bright Finish Blades	$8.50

All Above, In Satin Lined Fancy Boxes

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

Kelley-How-Thomson Co. of Duluth

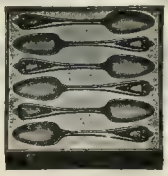
SILVER PLATED WARE

High Grade Nickel Silver Base, XS Triple Silver Plated, French Gray Finish

1847 ROGERS BROS.—OLD COLONY DESIGN

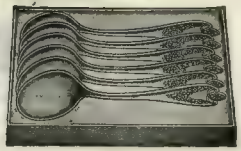
COFFEE SPOONS
Length 4¼ in.

	Per Dozen
No. 624—Bright Finish Bowls	$4.70



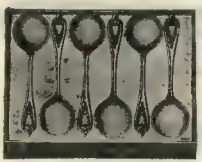
ORANGE SPOONS
Length 5⅝ in.

	Per Dozen
No. 652 —Bright Finish Bowls	$ 6.00
No. 652G—Gold Lined Bowls	10.00



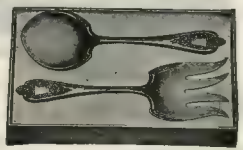
INDIVIDUAL SOUP SPOONS
Length 7 in.

	Per Dozen
No. 713—Bright Finish Bowls	$10.50



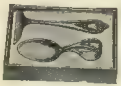
BOUILLON SPOONS
Length 5⅛ in.

	Per Dozen
No. 720—Bright Finish Bowls	$9.00



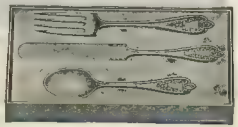
SALAD SETS
Length of Spoon, 8 in., Fork 8⅛ in.

	Per Dozen Sets
No. 636—Bright Finish Bowls and Tines	$54.00



BABY SETS
Set Consists of Two Pieces; Food Pusher and Baby Spoon Length 5⅜ in.

	Per Dozen Sets
No. 727—Bright Finish Bowl	$15.00



CHILD'S SETS
Set Consists of Three Pieces, Knife, Fork and Spoon; Steel Blade Knife, Length 5¼ in., Fork 6⅛ in., Spoon 5¼ in

	Per Dozen Sets
No. 116—Flat Handles	$24.00

All Above, in Satin Lined Fancy Boxes

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight One & One-Half Times First Class)

1847 Old Colony Design

Coffee Spoons
No. 624..... $6.14

Orange Spoons
No. 652..... $7.80
No. 652G..... 12.48

Individual Soup Spoons
No. 713.....$13.70

Bouillon Spoons
No. 720.....$10.86

Salad Sets
No. 639.....$72.54

Baby Sets
No. 727.....$19.18

Child's Sets
No. 116.....$30.66

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight First Class)

Plain Rest

No. 40—

6 ft.	$ 792.54
7 ft.	819.18
8 ft.	850.56
10 ft.	939.06
12 ft.	1,025.64

No. 44—

6 ft.	$ 952.38
7 ft.	982.34
8 ft.	1,038.96
10 ft.	1,127.76
12 ft.	1,243.20

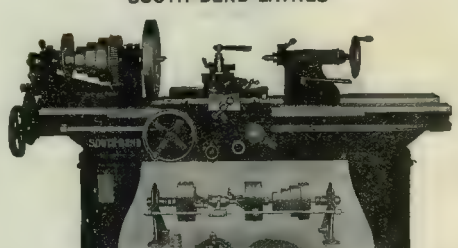
Compound Rest on No. 40 add ... $ 26.64

Compound Rest on No. 44 add 33.30

F. O. B. South Bend, Ind

Kelley-How-Thomson Co. of Duluth

SOUTH BEND LATHES



FITTED WITH AUTOMATIC LONGITUDINAL FEED AND AUTOMATIC CROSS FEED

No. 40—16 Inch; This Style Lathe is a Heavy Reliable Tool Capable of Taking Powerful Cuts with High Speed Steel. We Recommend It for Manufacturing, for the Machine Shop and General all-around Work.

No. 44—16 Inch; This Style Lathe is the Largest Built. It is a Heavy Powerful Tool Designed to Give Service with High Speed Steel, it has the Strength and the Capacity for Manufacturing and General all-around Work in the Shop.

Bed is rigid, cross ribbed by heavy box braces cast in at short intervals its entire length; has three V's and one flat way for guiding the head stock, tail stock and carriage. The rack is of steel, cut from the solid bar.

Head Stock is equipped with **improved reverse.** Cone has four steps for 2-inch belt, which, with back gears, gives eight changes of spindle speeds. Spindle is of special carbon steel accurately ground; has $1\frac{1}{2}$-inch hole its entire length. Centers are No. 3 Morse Taper. Bearings are heavy **phosphor bronze,** with ample oiling facilities, and are adjustable for wear.

Tail Stock is off-set to allow compound rest to swivel parallel to the bed and is provided with set over for turning taper. Tail stock center is self-ejecting.

Carriage is strong with wide deep bridge; has T slots for clamping work for **milling** and boring. Both automatic cross feed and automatic longitudinal feed are operated from front of apron and but one feed at a time can be engaged. Both feeds are driven by a splined screw and worm so that the thread of the lead screw **is used for screw cutting only.**

Thread Cutting. Lathe is indexed to cut standard threads from 4 to 40, right or left, including $11\frac{1}{2}$ pipe thread.

Graduation. The compound rest is **graduated in degrees.** The cross feed screw has graduated micrometer collar reading to **one-thousandthe** of an inch.

Equipment as shown in cut is included in the price and consists of a large and small face plate, plain or compound rest, two steel centers, center rest, follower rest, change gears and adjustable stop for screw cutting, a set of feed gears, necessary wrenches, double friction countershaft, and instruction book. "How to Run a Lathe."

Prices on Request.

No. of Lathe	Swing Over Bed	Length of Bed	Distance Between Centers	Swing Over Carriage	Hole Through Spindle	Diameter of Spindle Nose	Taper in Spindle Morse	Opening Tool Post Inches	Countershaft Speed R. P. M.	Weight on Skids, Pounds	Weight Boxed for Export
40	$16\frac{1}{4}$ in.	6 ft.	36 in.	$11\frac{1}{8}$ in.	$1\frac{5}{8}$ in.	$2\frac{3}{8}$ x 8 in	No. 3	$\frac{5}{8}$ x $1\frac{3}{8}$ in	180	1600	1750
40	$16\frac{1}{4}$ in.	7 ft.	48 in.	$11\frac{1}{8}$ in.	$1\frac{5}{8}$ in.	$2\frac{3}{8}$ x 8 in.	No. 3	$\frac{5}{8}$ x $1\frac{3}{8}$ in.	180	1700	1875
40	$16\frac{1}{4}$ in.	8 ft.	60 in.	$11\frac{1}{8}$ in.	$1\frac{5}{8}$ in.	$2\frac{3}{8}$ x 8 in.	No. 3	$\frac{5}{8}$ x $1\frac{3}{8}$ in.	180	1800	2000
40	$16\frac{1}{4}$ in.	10 ft.	84 in.	$11\frac{1}{8}$ in.	$1\frac{5}{8}$ in.	$2\frac{3}{8}$ x 8 in	No. 3	$\frac{5}{8}$ x $1\frac{3}{8}$ in.	180	1940	2175
40	$16\frac{1}{4}$ in.	12 ft.	108 in.	$11\frac{1}{8}$ in.	$1\frac{5}{8}$ in.	$2\frac{3}{8}$ x 8 in.	No. 3	$\frac{5}{8}$ x $1\frac{3}{8}$ in.	180	2300	2450
44	$18\frac{1}{4}$ in.	6 ft.	33 in.	$13\frac{1}{8}$ in.	$2\frac{1}{8}$ in.	$2\frac{3}{8}$ x 8 in.	No. 4	$\frac{5}{8}$ x $1\frac{3}{8}$ in.	180	1700	2000
44	$18\frac{1}{4}$ in.	7 ft.	45 in.	$13\frac{1}{8}$ in.	$2\frac{1}{8}$ in.	$2\frac{3}{8}$ x 8 in.	No. 3	$\frac{5}{8}$ x $1\frac{3}{8}$ in.	180	1825	2100
44	$18\frac{1}{4}$ in.	8 ft.	57 in.	$13\frac{1}{8}$ in.	$2\frac{1}{8}$ in.	$2\frac{3}{8}$ x 8 in.	No. 3	$\frac{5}{8}$ x $1\frac{3}{8}$ in.	180	1950	2250
44	$18\frac{1}{4}$ in.	10 ft.	81 in.	$13\frac{1}{8}$ in.	$2\frac{1}{8}$ in.	$2\frac{3}{8}$ x 8 in.	No. 3	$\frac{5}{8}$ x $1\frac{3}{8}$ in.	180	2200	2450
44	$18\frac{1}{4}$ in.	12 ft.	105 in.	$13\frac{1}{8}$ in.	$2\frac{1}{8}$ in.	$2\frac{3}{8}$ x 8 in.	No. 3	$\frac{5}{8}$ x $1\frac{3}{8}$ in.	180	2450	2800

Regular Equipment, as Illustrated Under Lathe, is Included in Price

NOTICE.
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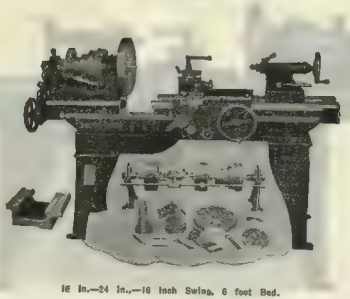
Kelley-How-Thomson Co. of Duluth

SOUTH BEND LATHES

With Gap Beds



16 in.—24 in.—16 inch Swing, 6 foot Bed.

FITTED WITH AUTOMATIC LONGITUDINAL AND POWER CROSS FEEDS

The Practical Lathe for All Around Work in the Machine and Repair Shops, Adapted to Handling Work of Both Small and Large Diameter.

Sizes. We build the 11-inch, 12-inch, 13-inch, 15-inch, 16-inch 18-inch South Bend Lathes with gap bed when desired.

For description and dimension of gap bed lathes, see that of straight bed lathes, as the only difference between straight bed lathes and gap bed lathes is the gap construction of the bed, which requires more strength.

Illustration shows our 16-24 inch No. 40 Lathe fitted with compound rest, gap bed and, bridge. The bridge, it will be seen, has been removed from the bed and rests on the floor at the left end of lathe. The illustration shows carriage mechanism transposed. This allows the carriage to pass over the entire width of the gap without letting down.

Bridge is used to close up the gap so that the lathe may be used as a straight bed for ordinary work. When work of large diameter is to be machined, bridge may be removed from bed in a few moments as it is accurately machined, scraped and fitted to gap, located by means of dowel pins and held in position by four substantial bolts. Bridge must be fitted in lathe at factory.

Equipment. The regular equipment for gap lathes is the same as that shown for straight bed lathes of similar size.

PRICE OF GAP AND BRIDGE IS EXTRA OVER STRAIGHT BED LATHE

No. of Gap Lathe	Swing over Bed	Swing over Gap	Width of Gap	Length of Beds	Extra Weight of Gap Bed	Price Gap and Bridge
130	12¾ in	17 in	6 in	5, 6, 7, 8 ft.	75 lbs.	$18.00
134	13¾ in.	18 in.	7 in.	5, 6, 7, 8 ft	100 lbs	25 00
140	16¾ in.	24 in.	8⅝ in.	6, 7, 8, 10, 12 ft	125 lbs	30 00
144	18⅝ in.	26 in.	10 in.	6, 7, 8, 10, 12, ft	150 lbs.	40.00

Regular Equipment, as Illustrated Under Lathe, is Included in Price

When Ordering Lathe with Gap Bed, Add Figure (1) to the Number of Straight Bed Lathe

Extras—The Gap Bed Lathe May Be Supplied with the Same Extras as the Straight Bed Lathes

Dating May 1, 1915

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight First Class)

Gap and Bridge Advanced Over Straight Bed

No. 30 . Discontinued
No. 34 . . . . . $48.84
No. 40 . . . . . 66.60
No. 44 . . . . . 88.80
[illegible] 1 .

In ordering Gap Bed Lathes add the figure (1) to the number of straight Bed Lathes.

Extras

(Not Illustrated)

Raising Blocks for

No. 30—
12 in. . . . .
Discontinued
No. 34—
13 in. . . . $33.30
No. 40—
16 in. 44.40
No. 44—
18 in. 55.50

Milling & Keyway Cutting Attachments

No. 3 for 12 and 13 in. Lathes . . . $77.70
No. 4 for 15 in. Lathes. 83.26
No. 5 for 16 and 18 in. Lathes 88.80

Taper Atachments for

No. 30 Lathes $77.70
No. 34 Lathes 77.70
No. 40 Lathes 88.80
No. 44 Lathes 99.90

Follower Rest for

11 and 12 in. Lathes . . . . $ 4.44
13 and 14 in. Lathes 6.66
15, 16 and 18 Lathes 8.88

Gear Cutting Attachments

No. 2 . . . . . .
. . . . . Market
No. 3 . . . . . .
. . . . . Market

F. O. B. South Bend, Ind.

NOTICE.

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Kelley-How-Thomson Co. of Duluth

SOUTH BEND LATHES

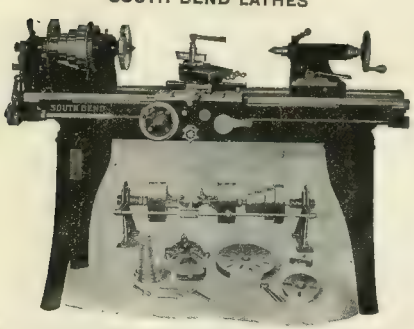
Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight First Class)

Compound Rest
No. 34—
5 ft.....$499.50
6 ft..... 526.14
7 ft..... 552.78
8 ft..... 579.42
10 ft..... Discontinued
F. O. B. South Bend, Ind.



FITTED WITH AUTOMATIC LONGITUDINAL FEED AND AUTOMATIC CROSS FEED

No. 34—13 In.; Surpassed by None for Manufacturing and the Machine Shop, as It has a Number of Practical Features that Enable It to Take Care of the Various Jobs that Come to the Shop.

Bed is rigid, cross ribbed by heavy box braces cast in at short intervals its entire length; has three V's and one flat way for front bearing of head and tail stock. The rack attached is of steel, cut from the solid bar.

Head Stock is equipped with **improved reverse.** Cone has four steps for 1¾ inch belt. Spindle is of special spindle steel accurately ground; has ¾ inch hole its entire length. Centers are No. 3 Morse Taper. Bearings are the best **phosphor bronze** with ample oiling facilities and adjustable for wear.

Tail Stock is off-set to allow compound rest to swivel parallel to bed and is provided with set-over for turning taper. Tail stock center is self-ejecting.

Carriage and Apron are strong with wide deep bridge; have T slots for clamping work for **milling** and boring. Both automatic cross feed and automatic longitudinal feed are operated from the front of apron and but one feed at a time can be engaged. Both feeds are driven by a splined screw and worm so that the thread of the lead screw **is used for screw cutting only.**

Thread Cutting. Lathe is indexed to cut standard threads from 4 to 40, right or left, including 11½ pipe thread, and by compounding the gears furnished many other threads can be cut.

Graduation. The compound rest is **graduated in degrees.** The cross feed screw has micrometer graduated collar reading in **one-thousandths** of an inch.

Equipment as shown in cut is included in the price and consists of a large and small face plate, compound rest, two steel centers, center rest, change gears and adjustable stop for screw cutting, a set of feed gears, necessary wrenches and double friction countershaft, also instruction book, "How to Run a Lathe."

Prices on Request

No. of Lathe	Swing Over Bed	Length of Bed	Distance Between Centers	Swing Over Carriage	Hole Through Spindle	Diameter of Spindle Nose	Opening Tool Post Inches	Countershaft Speed R. P. M.	Weight on Skids Pounds	Weight Boxed for Export
34	13¾ in.	5 ft.	33 in.	9 in.	¾ in.	1⅝ in.	⅛x1⅛ in.	225	880	975
34	13¾ in.	6 ft.	45 in.	9 in.	¾ in.	1¾ in.	⅛x1⅛ in.	225	940	1025
34	13¾ in.	7 ft.	57 in.	9 in.	¾ in.	1¾ in.	⅛x1⅛ in.	225	980	1100
34	13¾ in.	8 ft.	69 in.	9 in.	¾ in.	1⅝ in.	⅛x1¼ in.	225	1040	1160
34	13¾ in.	10 ft.	93 in.	9 in.	¾ in.	1¾ in.	⅛x1¼ in.	225	1280	1450

Regular Equipment, as Illustrated Under Lathe, Is Included in Price

NOTICE.
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Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight One & One-Half Times First Class)

Boys'
No. B—16 in. Frame $44.40
No. B—18 in. Frame 46.08

Girl's
No. G—16 in. Frame $46.62
No. G—18 in. Frame 48.30

Toledo Juvenile
Boys'
No. 124B.....$35.52

Girl's
No. 124G.....$38.30

JUVENILE BICYCLES

BOYS'
Equipped with Bell New Departure Coaster Brake

Each
No. B—Weight 21 Lbs. $25.00
Weight, Crated, About 35 Lbs.

Specifications

Frame—Diamond; 16 or 18 in.; Made of the Best Quality Seamless Steel Tubing, with Outside Joint Connection, Strongly Reinforced. One Piece Head, 4 in. Long, 1 1/2 in. in Diameter. Main Tubing, 7/8 in.; Upper Rear Stays Oval, 7/8 in.; Lower Rear Forks, 7/8 in. Oval.

Color—Black.

Crown—Drop Forged, Nickeled.

Tires—Single Tube, Guaranteed; 24x1 1/8 in.

Hanger—Pope Juvenile, One Piece, Strong, Durable and Easy Running.

Spokes—No. 2 Standard, 26 Front, 28 Rear.

Rims—Wood, Enameled Black, with Red Center.

Hubs—Turned from Solid Bar, Straight Barrel.

Handle Bar—Adjustable.

Saddle—Troxels.

Chain—Diamond; 1/2 in.

Pedals—Standard, Juvenile Rubber.

Gear—63, 19-Tooth Front, and 7-Tooth Rear Sprockets.

Brake—Bell New Departure.

Tool Bag—Leather, Containing Wrench, Oil Can and Pump.

GIRL'S
Equipped with Bell New Departure Coaster Brake

Each
No. G—Weight 21 Lbs. $29.00
Weight, Crated, About 35 Lbs.

Specifications

Frame—Drop, 16 or 18 in.; Made of the Best Quality Seamless Steel Tubing, with Outside Joint Connections, Strongly Reinforced. One Piece Head, 4 in. Long; 1 1/2 in. in Diameter. Main Tubing, 7/8 in.; Upper Rear Stays Oval, 7/8 in.; Lower Rear Forks, 7/8 in. Oval.

Color—Black.

Crown—Drop Forged, Nickeled.

Tires—Single Tube, Guaranteed; 24x1 1/8 in.

Hanger—Pope Juvenile, One Piece Strong, Durable and Easy Running.

Spokes—No. 2 Standard, 28 Front, 28 Rear.

Rims—Wood, Enameled Black, with Red Center.

Hubs—Turned from Solid Bar, Straight Barrel.

Handle Bar—Adjustable.

Saddle—Troxel, Juvenile.

Chain—Diamond; 1/2 in.

Pedals—Standard, Juvenile Rubber.

Guards—Wood Mud Guard over Rear Wheel.

Gear—63, 19-Tooth Front and 7-Tooth Rear Sprockets.

Brake—Bell New Departure.

Tool Bag—Leather, Containing Wrench, Oil Can and Pump.

TOLEDO JUVENILE
A Splendid Bicycle at a Low Price

Each
No. 124B—Boys': Weight 52 Lbs. $32.00
Weight, Crated About 45 Lbs.

Each
No. 124G—Girl's: Weight 45 Lbs. $33.00
Weight, Crated, About 80 Lbs.

18 in. Black Enameled Frame; 24 in. Wheels, with Steel Rims; Corrugated Tires, Guaranteed Against Defects in Material and Workmanship; Adjustable and Reversible Handle Bars; Rat Trap Pedals; Equipped with Toledo Guaranteed Coaster Brake. Wrench and Oiler Furnished, but no tool bag.

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Dating May 1, 1916

APPLICABLE SET PRICES

Subject to Change Without Notice

(Freight One & One-Half Times First Class)

Men's

No. 310	$32.20
No. 310P	33.30
No. 310½	34.42
No. 310½P	35.53
No. 310C	39.42
No. 310CP	40.52
No. 310½C	41.64
No. 310½CP	42.74
No. 311	37.74
No. 311P	38.85
No. 311½	39.96
No. 311½P	41.08
No. 311C	44.96
No. 311CP	46.08
No. 311½C	47.18
No. 311½CP	48.30

Ladies'

No. 321	$46.63

MAPLE BICYCLES

MEN'S ROAD MODEL

With "Woodland," 28x1½ In. Single Tube Tires	Each
No. 310 —With No. 6 Saddle	$26.00
No. 310P —With Cushion Comfort Saddle	22.00
No. 310½ —With Mud Guards and No. 6 Saddle	22.50
No. 310½P —With Mud Guards and Cushion Comfort Saddle	24.50
No. 310C —With Coaster Brake and No. 6 Saddle	25.00
No. 310CP —With Coaster Brake and Cushion Comfort Saddle	27.00
No. 310½C —With Coaster Brake, Mud Guards and No. 6 Saddle	27.50
No. 310½CP—With Coaster Brake, Mud Guards and Cushion Comfort Saddle	29.50

With "Continental," 28x1½ In. Single Clinch Double Tube Tires	Each
No. 311 —With No. 6 Saddle	$25.00
No. 311P —With Cushion Comfort Saddle	27.00
No. 311½ —With Mud Guards and No. 6 Saddle	27.50
No. 311½P —With Mud Guards and Cushion Comfort Saddle	29.50
No. 311C —With Coaster Brake and No. 6 Saddle	30.00
No. 311CP —With Coaster Brake and Cushion Comfort Saddle	32.00
No. 311½C —With Coaster Brake, Mud Guards and No. 6 Saddle	32.50
No. 311½CP—With Coaster Brake, Mud Guards and Cushion Comfort Saddle	34.50

Approximate Weight, Crated 65 Lbs.

A High Grade Wheel at a Moderate Price. The Maple is made by the Same Factory Supplying our Hickory and price considered it is the Greatest Value ever offered. This Bicycle is Guaranteed Throughout to be Perfect in Material and Workmanship

SPECIFICATIONS

Frame—20, 22 or 24 inch. Made from the Finest Quality Seamless Tubing, Strongly Reinforced. Main Tubing, 1 in: Head, 1⅛ in.: Nickel Plated Oriental Style Fork Crown.
Color—Black Enameled.
Hangers—One Piece.
Wheels—28 in.
Tires—28x1½ in.
Spokes—High Grade; 32 to Front, and 36 to Rear Wheel.
Rims—Wood; Black Enameled, with Red Center.
Hubs—Highest Grade, Fitted with Best Quality Cones and Bearings.
Handle Bar—No. 4 Chicago, with Extension Stem.
Saddle—As Selected.
Chain—Roller, ⅜ inch.
Pedals—Pirate.
Gear—73.

Furnished Complete with Tool Bag and Tools

LADIES' MODEL

	Each
No. 321—20 in. Black Enameled Frame; New Departure Coaster Brakes; Wood Mud Guards Over Rear Wheel, Steel Over Chain and Sprocket; 67 Gear	$32.50

Approximate Shipping Weight, Crated, 65 Lbs.

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APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight One & One-Half Times First Class)

Truss Frame
No. 340 .....$51.06

Motor Bike
No. 350 .....$55.50

MAPLE BICYCLES

MEN'S TRUSS FRAME

Equipped with New Departure Coaster Brakes and Steel Mud Guards

Each

No. 340—22 Inch Truss Frame; Weight 40 Lbs......$55.00

One in a Crate; Shipping Weight, Crated, 55 Lbs.

The General Maple Description Applies to this Model, except it has a Double Truss Frame. Forks have Nickel Plated Rib, Green Striped Heavy Mud Guards. Button Tread Single Tube Guaranteed Tires. Aluminum Colored Wood Rims with Striped Lines. New Departure Coaster Brake. Cushion Comfort Saddle. Adjustable Handle Bars and Pirate Pedals.

MAPLE MOTOR BIKE

Equipped with New Departure Coaster Brake, Steel Mud Guards, and Adjustable Drop Stand

Each

No. 350—20 in. Truss Frame; Weight 45 Lbs......$40.00

One in a Crate; Shipping Weight, Crated, 70 Lbs.

The Maple Description also Applies to this Model, but with Many Additions as follows—Special Truss Frame, Supplied only in 20 Inch but owing to the Special Construction this size is Same as regular 22 Inch; Extra Heavy Reinforced Braced Forks, like on a Motor Cycle; Adjustable Drop Stand; Red Striped Heavy Mud Guards; Sole Leather Saddle, with Double Springs; Special Motor Cycle Handle Bars, with Long Motor Grips; New Departure Coaster Brake; Non-Skid Single Tube Tires; Aluminum Colored Wood Rims. Complete with Tool Bag and Tools

NOTICE.
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HICKORY BICYCLES

MEN'S SERVICE MODEL

Equipped with Bell, New Departure Coaster Brake and Steel Mud Guards

No. 411—Weight 25 Pounds.....$45.00

The Finest Bicycle Ever Made. Guaranteed

The Hickory is a Production of the Leading Manufacturer of Bicycles in the Country and is the Highest Grade Assembled. Everything Entering Into its construction has Stood the Test and is Known to be the Best; the chances for defects in Material and Workmanship are brought down to minimum. All Joints of Frame are Flush and Reinforced so as to be Considered as Strong as if in One Piece. The Forks are Strengthened, with a Rib Running the Full Length and is Nickel Plated which add to the Appearance. The Strongest and Most Up-to-Date Two-piece Crank Hanger is used. Mud Guards are Extra Heavy and Strongly Braced. Frames and Mud Guards have Three Coats of Enamel, making an Elegant Finish.

SPECIFICATIONS

Frame—Option, 20, 22 or 24 inch. Finest Quality High Carbon Seamless Tubing Throughout.

Color—Dark Blue, with Red Head.

Tires—28 in. Vitalic Double Clinch; 1½ in. Diameter.

Hanger—Pope Two Piece; Special Design Sprocket Wheel.

Spokes—Diamond E—22 to Front and 26 to Rear Wheel.

Rims—Double Clincher Wood, Aluminum Finish, Striped.

Hubs—Turned from Solid Bar Steel; Fitted with the Highest Grade of Cups, Cones and Bearings.

Handle Bars—Hussey Forward Extension, Adjustable.

Saddle—Special Grain Leather, with Double Springs.

Chain—Roller. Size $\frac{3}{8}$ inch.

Pedals—Motorcycle.

Gear—81. 9 Tooth Rear and 26 Tooth Front Sprocket.

Brake—Bell New Departure Coaster.

Guards—Steel; Drop Center, Rolled Edge.

Tool Bag—Containing Wrench, Oil Can and Pump.

One in a Crate; Weight About 65 Lbs.

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INCANDESCENT ELECTRIC LAMPS

TURN DOWN LAMPS

For Convenience and Economy Every Up-to-Date Home Uses Turn Down Lamps in the Hall, Sleeping Room, Bath Room, Den, Dining Room, Porch

Turn Down Lamps are Made with Two Light Giving Filaments—One the Usual Size, the Other Very Small; When Turned to Dim, will Save 80% Electric Current, and will Last as Long as Four Ordinary Lamps. Fits Any Style of Fixture having the Medium Screw Base; Works Upright, Downward or in Horizontal Position.

HYLO MAZDA

Full String Style. Voltage, 110 and 115

	Each
No. 9A—25x5 Watts—20x1.2 C. P.	$0.72½
No. 9B—40x5 Watts—32x1.2 C. P.	.72½

100 Lamps in a Standard Package, Weight About 50 Lbs.

HYLO CARBON

Full String Style. Voltage 110 and 115

	Each
No. 7A—8x½ C. P.	$0.47
No. 7B—16x1 C. P.	.47

250 Lamps in a Standard Package, Weight About 50 Lbs.

HYLO CARBON

Turn Bulb Style. Voltage 110 and 115

	Each
No. 8A—8x½ C. P.	$0.45
No. 8B—16x1 C. P.	.45

250 Lamps in a Standard Package, Weight About 50 Lbs

LONG DISTANCE CARBON

Complete with Lamp and 3 Foot Cord and Switch

Light Controlled by Pull Chain Switch; Can be Turned On or Off, or Made Bright or Dim from Any Part of the Room. Cord and Switch are Detachable.

	Each
No. 5A—8x½ C. P.; 110 or 115 Volts	$0.95
No. 6B—16x1 C. P.; 110 or 115 Volts	.95

One in a Carton, Weight 6 Oz. per Set

In Ordering Any of the Above Hylo Lamps, be Sure and Specify Voltage Wanted

NOTICE.
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Kelley-How-Thomson Co. of Duluth

INCANDESCENT ELECTRIC LAMPS

Dating May 1, 1916

APPROXIMATE NET PRICES

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(Freight One & One Half Times First Class)
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MAZDA LAMPS

For Street Series Service

Mogul Screw Base

Amperes	Candle Power	Average Volts	Diam. In.	Length In.	Std. Pkg.	Weight Std. Pkg.	Clear Each	Frosted Each
5.5	60	8.6	3 1/16	7 1/4	60	28	$1.00	$1.05
5.5	80	10.8	3 1/16	7 1/4	50	28	1.20	1.25
5.5	100	13.1	3 1/16	7 1/4	50	28	1.20	1.25
6.6	80	7.1	3 1/16	7 1/4	50	28	1.00	1.05
6.6	80	9.0	3 1/16	7 1/4	50	28	1.20	1.25
6.6	100	10.8	3 1/16	7 1/4	30	28	1.20	1.25
7.5	80	6.4	3 1/16	7 1/4	50	28	1.00	1.05
7.5	80	7.9	3 1/16	7 1/4	50	28	1.20	1.25
7.5	100	9.5	3 1/16	7 1/4	50	28	1.20	1.25

Mogul Screw Base

Amperes	Candle Power	Average Volts	Diam. In.	Length In.	Std. Pkg.	Weight Std. Pkg.	Clear Each	Frosted Each
5.5	250	30.9	4 5/16	9 1/4	24	28	$2.35	$2.45
6.6	250	24.6	4 5/16	9 1/4	24	28	2.35	2.45
7.5	250	21.0	4 5/16	9 1/4	24	28	2.35	2.45

Mogul Screw Base

Amperes	Candle Power	Average Volts	Diam. In.	Length In.	Std. Pkg.	Weight Std. Pkg.	Clear Each	Frosted Each
5.5	400	49.5	5	10	12	20	$4.00	$4.15
6.6	400	38.3	5	10	12	20	4.00	4.15
6.6	600	58.3	5	10	12	20	5.00	5.15
7.5	400	33.1	5	10	12	20	4.00	4.15
7.5	600	49.6	5	10	12	20	5.00	5.15

Mogul Screw, Skirted Base

Amperes	Candle Power	Average Volts	Diam. In.	Length In.	Std. Pkg.	Weight Std. Pkg.	Clear Each	Frosted Each
15.0	400	14.4	5	12 1/2	12	20	$4.00	$4.15
20.0	600	15.0	5	12 1/2	12	20	5.00	5.15
20.0	1000	25.0	6	12 1/2	12	20	6.00	6.15

In Ordering Any of the Above Lamps, be Sure and Give the Amperage, Candle Power and Base Wanted
Clear Bowl Will Always be Sent Unless Otherwise Specified

NOTICE.
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Kelley-How-Thomson Co. of Duluth

INCANDESCENT ELECTRIC LAMPS

Dating May 1, 1916

APPROXIMATE NET PRICES

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(Freight, One & One Half Times First Class)
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GEM FILAMENT LAMPS

The Gem Metallized Filament Lamp, Operating at an Efficiency of 2½ Watts per Candle Power has a life equal to the Carbon Lamp, and gives a much Whiter Light. Is rapidly taking the place of the Carbon Lamp.

STRAIGHT SIDE—REGULAR

105 to 125 Volts; Medium Screw Base

Watts	Efficiency W. P. C.	Diameter Bulb, In.	Standard Package	Weight Std. Pkg.	Clear Frosted Each	Each
20	4.00	2½	250	35	$0.20	$0.22½
30	3.00	2½	250	35	.20	.22½
40	2.50	2¾	250	35	.20	.22½
50	2.50	2¾	250	35	.20	.22½
60	2.50	2¾	250	35	.20	.22½

STRAIGHT SIDE—MILL TYPE

105 to 125 Volts; Medium Screw Base

60	2.5	2¾	200	35	.20	.22½

ROUND

105 to 125 Volts; Medium Screw Base

Watts	Efficiency W. P. C.	Diameter Bulb, In.	Standard Package	Weight Std. Pkg.	Clear Frosted Each	Each
60	2.5	3½	100	40	$0.25	$0.28

CARBON LAMPS

STRAIGHT SIDE—REGULAR

100 to 130 Volts; Medium Screw Base

Watts	C. P.	Approx. Diameter Bulb, In.	Length Over-All, In.	Standard Package	Weight Std. Pkg.	Clear Frosted Each	Each
20	4	2⅛	4½	250	35	$0.14	$0.16½
30	8	2⅛	4½	250	35	.14	.16½
50	16	2⅜	5½	250	35	.14	.16½
60	20	2⅜	5½	250	35	.14	.16½

200 to 275 Volts; Medium Screw Base

35	8	2⅜	4⅝	250	35	.16	.18½
60	16	2⅜	5	250	35	.16	.18½

STRAIGHT SIDE—SIGN

100 to 130 Volts: Medium Screw Base

Watts	C P	Approx. Diameter Bulb, In	Length Over-All, In.	Standard Package	Weight Std. Pkg.	Clear Frosted Each	Each
10	2	1⅜	3½	250	31	$0.14	$0.16½
20	4	1⅜	3½	250	31	.14	.16½

200 to 275 Volts; Medium Screw Base

30	8	2⅜	4⅝	250	30	.16	.18½

ROUND

100 to 130 Volts; Medium Screw Base

Watts	C. P.	Approx. Diameter Bulb, In.	Length Over-All, In.	Standard Package	Weight Std. Pkg.	Clear Frosted Each	Each
30	8	2½	3⅝	200	36	$0.19	$0.21½
60	16	2½	3⅝	200	36	.19	.21½

200 to 275 Volts; Medium Screw Base

35	8	2½	3⅝	200	36	.23	.25½
60	16	2½	3⅝	200	36	.23	.25½

TUBULAR

100 to 130 Volts: Medium Screw Base

Watts	C. P.	Approx. Diameter Bulb, In.	Length Over-All, In.	Standard Package	Weight Std. Pkg.	Clear Frosted Each	Each
30	8	1¼	5¾	200	31	$0.23	$0.25½
60	16	1¼	5¾	200	31	.23	.25½
120	32	1¼	5¾	100	27	.43	.46

200 to 275 Volts; Medium Screw Base

35	8	1¼	5¾	200	31	.40	.42½
60	16	1¼	5¾	200	31	.33	.35½

In Ordering Lamps be Sure and Specify Exact Voltage and Wattage, and Type of Lamp

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Kelley-How-Thomson Co. of Duluth

INCANDESCENT LAMP FIXTURES

Dating May 1, 1916

APPROXIMATE NET PRICES

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(Freight First Class) Entire Page.. .....Market

TYPE "C" PROMOTION FIXTURES

For Use With 200, 300, 400, 500, 750 and 1,000 Watt Mazda Lamps

Type No. 754

Type No. 756

Type No. 758

Made in Two Styles, Green Porcelain Enamel and White Porcelain Enamel, with Diffusing Globes of Opal Glass

All Fixtures are Weatherproof

COMPLETE UNITS INCLUDING FIXTURE AND GLASS

Complete Unit No.	Including Fixture No.	Including Glass No.	Diameter Border In.	Diameter Glass In.	Length Over All In.	Wattage Mazda Lamp	Standard Package Quantity	Weight Std. Pkg. Lbs.	Each
754	755	775	6	8	12½	200, 300	12	55	$2.40
756	757	775	6	8	14½	400, 500	12	70	2 60
758	759	776	8	12	19	750, 1000	12	110	3 90

FIXTURES ONLY

Fixture No.	Standard Package Quantity	Weight Std. Pkg. Lbs.	Each
755	12	30	$1.60
757	12	45	1.90
759	12	50	2.35

GLASS ONLY

Glass No.	Standard Package Quantity	Weight Std. Pkg. Lbs.	Each
775	12	25	$0.90
776	12	25	1.90

LAMP GUARDS

For 16 C. P. Carbon Lamps and 40-60 Watt Mazda Lamps, New Type

It Locks on with a Key which you Hold

One Key with Every Dozen Guards

LOXON LAMP GUARDS

Loxon is a Double Duty Device that Cuts Out Needless Waste by Saving Incandescent Lamps and Enabling them to Burn their Full Life. It Takes a Lock to Stop a Lamp Thief and a Guard to Prevent Lamp Breakage. Loxon Lamp Guards also Reduce Fire Danger from Hot or Broken Lamps.

Heavily Tinned after being assembled, making it very strong and rigid, Closed Bottom; Locks by Key from both sides.

Per Dozen

No. 1425—Loxon Lamp Guards, One Dozen in a Carton; Weight per Dozen 2 Lbs.....$6.00

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Kelley-How-Thomson Co. of Duluth

INCANDESCENT ELECTRIC LAMPS

MAZDA LAMPS

The Mazda Lamp produces a Clear White Light which so Closely Resembles Natural Sunlight that Colors and Shades can be Accurately Matched. The Saving of Electric Current and its Long Life makes it a more Economical Lamp than the Ordinary Carbon Lamp; it Uses Less Current, Produces More Light and Lasts Longer. It is the Most Satisfactory Lamp for All Purposes.

Can be used on either Direct or Alternating Current, and Burns at Any Angle.

In Ordering Lamps be Sure and Specify Exact Voltage and Wattage; Also Style of Bulb and Base.

Clear Globes will always be Sent Unless Otherwise Specified

Screw Base

Screw, Skirted Base

STRAIGHT SIDE—REGULAR

105 to 125 Volts; Medium Screw Base

Watts	Diameter Bulb, In.	Length Over-All, In.	Standard Package	Weight Std. Pkg.	Clear Each	Frosted Each
10	2¼	4⅜	100	22	$0.27	$0.30
15	2¼	4⅜	100	22	.27	.30
20	2¼	4⅜	100	22	.27	.30
25	2⅜	5⅛	100	27	.27	.30
40	2⅜	5⅛	100	27	.27	.30
60	2⅜	5⅛	100	30	.38	.40
105 to 125 Volts; Medium Screw, Skirted Base						
100	2⅜	7⅛	36	23	.65	.72

NITROGEN MAZDA

Pear Shaped Bulbs

105 to 125 Volts; Medium Screw Base

Watts	Diameter Bulb, In.	Length Over-All, In.	Standard Package	Weight Std. Pkg.	Clear Each
100	3¼	7¼	24	21	$1.00
105 to 125 Volts; Medium Screw, Skirted Base					
200	3½	8½	24	22	2.00
105 to 125 Volts; Mogul Screw Base					
300	4½	9½	24	26	3.00
400	5	10	12	20	4.00
500	5	10	12	20	4.80
105 to 125 Volts; Mogul Screw, Skirted Base					
750	6½	13½	8	20	6 00
1000	6½	13½	8	23	7.00

STRAIGHT SIDE—SIGN

60½ to 12½ Volts; Medium Screw Base

Watts	Diameter Bulb, In.	Length Over-All, In.	Standard Package	Weight Std. Pkg.	Clear Each	Frosted Each
2½	1⅝	4	100	18	$0.25	$0.28
5	1⅝	4	100	18	.25	.28
50 to 65 Volts; Medium Screw Base						
5	1⅝	4	100	18	.27	.30
105 to 125 Volts; Medium Screw Base						
10	1⅝	4	100	18	.27	.30

ROUND—REGULAR

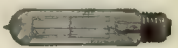
105 to 125 Volts; Medium Screw Base

Watts	Diameter Bulb, In.	Length Over-All, In.	Standard Package	Weight Std. Pkg.	Clear Each	Frosted Each
15	3½	4¾	50	20	$0.45	$0.50
25	3½	4¾	50	20	.45	.50
40	3½	4¾	50	20	.45	.50
60	3½	5⅛	24	20	.65	.72
105 to 125 Volts; Medium Screw, Skirted Base						
100	4½	7¼	24	33	.95	1.05
105 to 125 Volts; Mogul Screw, Skirted Base						
400	7	10½	8	30	3.40	3.65
500	8	12	8	32	3.85	4.15
220 to 250 Volts; Medium Screw Base						
25	3½	4¾	50	20	.55	.60
40	3½	4¾	50	20	.55	.60

ROUND—STEREOPTICON

105 to 125 Volts; Medium Screw Base

Watts	Diameter Bulb, In.	Length Over-All, In.	Standard Package	Weight Std. Pkg.	Clear Each	Bull's Eye Each
100	3½	5½	24	20	$1.35	$1.70
250	3½	5½	24	20	2.70	....



TUBULAR

105 to 125 Volts; Medium Screw Base

Watts	Diameter Bulb, In.	Length Over-All, In.	Standard Package	Weight Std. Pkg.	Clear Each	Frosted Each
25	1¼	5⅞	100	27	$0.50	$0.55

TUBULAR

105 to 125 Volts; Medium Screw Base

Watts	Diameter Bulb, In.	Length Over-All, In.	Standard Package	Weight Std. Pkg.	Clear Each	Frosted Each
25	1	12	50	26	$0.85	$1 05
40	1	12	50	26	.85	1.05

In Ordering Lamps be Sure and Specify Exact Voltage and Wattage; Also Style of Bulb and Base

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

Kelley-How-Thomson Co. of Duluth

MITCHELL'S FIRE PROOF SAFES

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight Third Class)

Safes

No. 303.....$88.80
No. 304.....99.90
No. 305.....111.00
No. 306.....133.20

MEDIUM WALL SAFES.

Finished in Maroon, with Black and Gold Trimmings

Interior Arrangement

Sub-treasury 5¼x5 in., with Duplicate Flat Keys; One Drawer 3x5 in. with Duplicate Flat Keys; Pigeon Hole 3⅞x5 in., and Book Space 15⅝x5 in., with Inside Door.

Each

No. 303—Dimensions, Outside, 31 in. High, 23 in. Wide; 23 in. Deep, Inside 15⅝ in. High, 13¼ in. Wide, 13 in. Deep ...$80.00

Approximate Weight 750 Lbs.

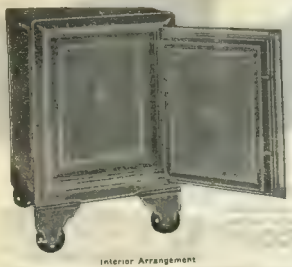
Interior Arrangement

Sub-treasury 5¼x5 in., with Duplicate Flat Keys; One Drawer with Lock 2x5 in., One Pigeon Hole 3x5 in., and Three Book Spaces, 5⅝x5, 4½x10 and 12x10 in., with Inside Door.

Each

No. 304—Dimensions, Outside, 34 in. High, 23¼ in. Wide, 24 in. Deep, Inside, 17⅝ in. High, 15¼ in. Wide, 14 in. Deep...$105.00

Approximate Weight 900 Lbs.



Interior Arrangement

Inside Door; Sub-treasury 5¼x5 in., One Drawer with Lock 2x5 in. with Duplicate Keys, One Pigeon Hole 3x5 in., Two Pigeon Holes 3x3½ in., Two Book Spaces 17⅛x11¼ in.

Each

No. 305—Dimensions, Outside, 37 in. High, 25¼ in. Wide, 25 in. Deep, Inside, 20⅝ in. High, 16½ in. Wide, 15 in. Deep. $120.00

Approximate Weight 1050 Lbs

Interior Arrangement

Inside Door; Sub-treasury 5¼x5 in., One Drawer with Lock 2x5 in., One Pigeon Hole 3x5 in., Two Pigeon Holes 4x6¼ in., One Book Space 13¾x5 in. and Two Book Spaces 12x2⅝ in.

Each

No. 306—Dimensions, Outside, 39 in. High, 26¼ in. Wide, 26 in. Deep, Inside, 23¼ in. High, 18 in. Wide, 16 in. Deep...$140.00

Approximate Weight 1200 Lbs.

We make no charge for lettering customer's name on Safes in the space above the door in gold, when so requested. Send the name to print when you desire the lettering done.

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight Third Class)

Safes

No. 10	$222.00
No. 10D	233.10
No. 61	**333.00**
No. 64	532 80

Kelley-How-Thomson Co. of Duluth

MITCHELL'S FIRE PROOF SAFES

EXTRA HEAVY WALL SAFES

Finished in Maroon, with Black and Gold Trimmings

Each

No. 10—Dimensions, Outside, 56 in. High, 34⅝ in. Wide, 33 in. Deep; Inside, 34 in. High, 29 in. Wide, 15 in. Deep....$350.00

No. 10D—With Inside Door, Otherwise Same as Above $360.00

Approximate Weight 2800 Lbs.

Each

No. 61—Dimensions, Outside, 56¼ in. High, 41 in. Wide, 29⅛ in. Deep. Inside, 34 in. High 26 in. Wide, 16 in. Deep .. $370.00

Approximate Weight 4000 Lbs.

Each

No. 64—Dimensions, Outside, 74 in. High, 51 in. Wide, 37 in. Deep; Inside, 47⅛ in. High, 35⅛ in. Wide, 18 in. Deep.....$650.00

Approximate Weight 7600 Lbs

We make no charge for lettering customer's name on Safes in the space above the door in gold, when so requested. Send the name print when you desire the lettering done.

NOTICE.

Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight Third Class)

Safes

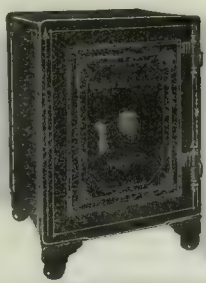
No. 307	$144 30
No. 309	277.50
No. 1	77.70
No. 2	88.80
No 3	99.90
No. 3D	111.00

Kelley-How-Thomson Co. of Duluth

MITCHELL'S FIRE PROOF SAFES

MEDIUM WALL SAFES

Finished in Maroon, with Black and Gold Trimmings



Interior Arrangement

Sub-treasury 6¼x5½ in., Four Pigeon Holes 4x3⅛ in., Two Pigeon Holes 4x7⅝ in., One Pigeon Hole 8x8 in., One Book Space 9x5⅛ in., Two Book Spaces 17x7⅛ in., Two Lock Drawers 3x5⅛ in.

Each

No. 307—Dimensions, Outside, 4¼ in. High, 29¼ in. Wide, 26 in. Deep; Inside, 2⅝ in. High, 21 in. Wide, 16 in. Deep. $160.00

Approximate Weight 1400 Lbs.

Interior Arrangement

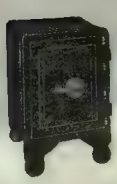
Sub-treasury 10x8 in., One Lock Drawer 3x8 in., Four Pigeon Holes 4½x4 in., Two Book Spaces 19x3⅛ in., One Book Space 14⅝x10¾ in., One Book Space 12½x10⅝ in.

Each

No. 309—Dimensions, Outside, 62 in. High, 28 in. Wide, 26 in. Deep; Inside, 46 in. High, 19 in. Wide, 16 in. Deep.....$280.00

Approximate Weight 2300 Lbs.

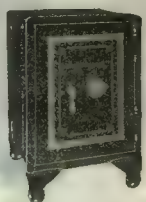
EXTRA HEAVY WALL SAFES



Each

No. 1—Dimensions, Outside, 25½ in. High, 16½ in. Wide, 17 in. Deep; Inside, 15½ in. High, 10 in. Wide, 9 in. Deep.....$70.00

Approximate Weight 400 Lbs.



Each

No. 2—Dimensions, Outside, 33¾ in. High, 22¼ in. Wide, 21⅝ in. Deep, Inside, 14 in. High, 11 in. Wide, 11 in. Deep.....$90.00

Approximate Weight 800 Lbs.

Each

No. 3—Dimensions, Outside, 35⅝ in. High, 24⅝ in. Wide, 23⅝ in. Deep, Inside, 16 in. High, 13 in. Wide, 12 in. Deep.....

No. 3D—With Inside Door. Same as Above.....

Approximate Weight

We make no charge for lettering customer's name on Safes in the space above the door in gold, when so requested. Print when you desire the lettering done.

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Each or Weight, as shown by List on Page.

Kelley-How-Thomson Co. of Duluth

MITCHELL'S FIRE PROOF SAFES

EXTRA HEAVY WALL SAFES

Finished in Maroon, with Black and Gold Trimmings

Dating May 1, 1916

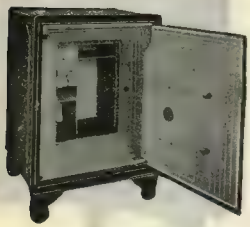
APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight Third Class)

Safes

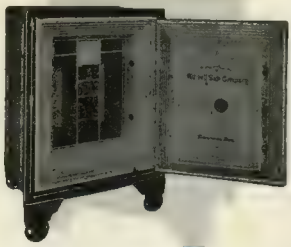
No. 5	$123.20
No. 5D	144.30
No. 6	144.30
No. 6D	155.40
No. 7	177.50
No. 7D	188.70
No. 8	199.80
No. 8D	212.92



Each

No. 5—Dimensions, Outside, 43 in. High, 29 in. Wide, 27¾ in. Deep; Inside, 39 in. High, 14 in. Wide, 12 in. Deep.....$140.00
No. 5D—With Inside Door, Otherwise Same as Above.....$147.00

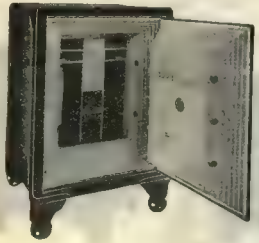
Approximate Weight 1800 Lbs.



Each

No. 6—Dimensions, Outside, 44 in. High, 30⅝ in. Wide, 28¾ in. Deep; Inside, 32 in. High, 16 in. Wide, 14 in. Deep.....$160.00
No. 6D—With Inside Door, Otherwise Same as Above.....$167.00

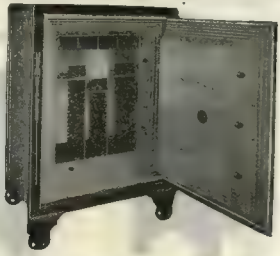
Approximate Weight 2000 Lbs.



Each

No. 7—Dimensions, Outside, 46½ in. High, 31⅝ in. Wide, 32 in. Deep; Inside, 24 in. High, 17 in. Wide, 15 in. Deep.....$190.00
No. 7D—With Inside Door, Otherwise Same as Above.....$200.00

Approximate Weight 2250 Lbs.



Each

No. 8—Dimensions, Outside, 48 in. High, 33⅝ in. Wide, 33 in. Deep; Inside, 29¼ in. High, 20 in. Wide, 18 in. Deep.....$220.00
No. 8D—With Inside Door, Otherwise Same as Above.....$240.00

Approximate Weight 2600 Lbs.

To make no charge for inserting customer's name on Safes in the space above[illegible] Send the name in print when you desire the lettering done.

NOTICE.
Net Prices Apply—
Per 100 Lbs. WEIGHT, as shown by List on Page.

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight Third Class)

Safes

No. 300.....$44.40
No. 301..... 55.50
No. 302..... 66.60

Kelley-How-Thomson Co. of Duluth

MITCHELL'S FIRE PROOF SAFES

The Business Man of today frankly admits the absolute necessity for, and the unquestionable usefulness of a Fire Proof or Burglar Proof Safe, in which to keep his Books, Records, Contracts and Valuables. To those who have Valuables at Home, the need of a Safe is self Evident and there are many homes today where people sleep soundly at night, secure in the knowledge that burglars cannot steal, nor fire destroy there valuables so securely protected by our Safe.

CONSTRUCTION

The Mitchell Fire and Burglar Proof Safes are Constructed of the Highest Grade of Material throughout and having an Excellence of Workmanship, Strength, Fire-proofing and Beauty of Finish that is not surpassed by any other style, old or new. The Body is made of One Continuous Sheet of Heavy Bessemer Steel, forming Top, Bottom and Two Sides, being Securely Riveted with Heavy Boiler Rivets at the Bottom and Two Heavy Wrought Steel Front and Back Angle Frames; these Angle Frames are made from One Continuous Angle of Bar Steel, Welded at each corner and passed entirely around the body of safe; The Bottom is Strongly Reinforced, and the Back is a Plate of Selected Bessemer Steel set inside of the Angle Frame so that it cannot be pulled out.

Fire Proof Filling—Composed of the Best Known Fire Resisting Elements, and is the best and most expensive that can be secured.

Doors—Covered with Solid Plates of Bessemer Steel, Strongly Riveted to the Door Frame, and are closed by Heavy Round Bolts, which extend inside of the frames. Frames are all Double Tongued. Grooved with underlapping in the back of the jamb in the angle and packed with Asbestos, making them waterproof.

Hinges—Outside Hinges Securely Riveted to the Front Steel Angle Frame and the Door Plate; Fitted with Finely Nickel Plated Tips easily unscrewed for oiling.

Locks and Bolt Work—The Bolt Work is of Special Design, Simple in Construction and never gets out of order. The Locks and Bolt Work are placed on the inside of the door; No part of the Bolt Work is in any way connected with the lock plate, but is operated independently by a polished steel handle to the left of the dial.

All Safes equipped with Yale Combination Locks. These Locks are recognised among Safe Manufacturers as the best on the market.

FOUR TUMBLER COMBINATION LOCKS

The Superiority of our Combination Locks are based upon the following facts.

They are Unpickable.

They Combine the utmost simplicity with the greatest security.

They have more Tumblers, consequently contain more changes of combination than the majority of locks used on fire-proof safes.

They are Capable of One Hundred Million Changes, and of these there is no combination which cannot be used, and they can be opened only on the Combination on which they are set.

They can be set on One, Two, Three, or Four Numbers, as may be desired.

Locks have Bronze Cases, Outside Shaft Spindles, and the Backs are not removable without the knowledge of the combination, hence the combination of safes in use cannot be picked up by taking off the backs of the locks and examining the tumblers.

MEDIUM WALL SAFES

Finished in Maroon, with Black and Gold Trimmings

Interior Arrangement

Sub-treasury 4½x4½ in., with Duplicate Flat Keys; One Drawer 3x4½ in., with Duplicate Flat Keys; One Pigeon Hole 4x4½ in. for Papers, etc.; Book Space 11¾ in. High by 3 in. Wide.

Each

No. 300—Dimensions, Outside, 24½ in. High, 14⅝ in. Wide, 15 in. Deep; Inside, 11½ in. High, 7⅝ in. Wide, 8 in. Deep.....$50.00

Approximate Weight 300 Lbs.

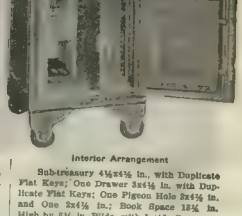
Interior Arrangement

Sub-treasury 4½x4½ in., with Duplicate Flat Keys; One Drawer 3x4½ in. with Duplicate Flat Keys; One Pigeon Hole 4x4½ in. for Papers, etc.; Book Space 11½ in. High by 5½ in. Wide.

Each

No. 301—Dimensions, Outside, 26½ in. High, 15½ in. Wide, 19 in. Deep; Inside, 11⅝ in. High, 10¼ in Wide, 10 in. Deep.....$60.00

Approximate Weight 350 Lbs.



Interior Arrangement

Sub-treasury 4½x4½ in., with Duplicate Flat Keys; One Drawer 3x4½ in. with Duplicate Flat Keys; One Pigeon Hole 3x4½ in. and One 3x4½ in.; Book Space 12¾ in. High by 6½ in. Wide, with Inside Door.

Each

No. 302—Dimensions, Outside, 27⅛ in. High, 19⅛ in. Wide, 19 in. Deep; Inside, 13¼ in. High, 11⅝ in Wide, 10 in. Deep.....$70.00

Approximate Weight 450 Lbs.

NOTICE. Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

We make no charge for lettering customer's name on Safes in the space above the door in gold, when so requested. Send the name in print when you desire this lettering done.

Kelley-How-Thomson Co. of Duluth

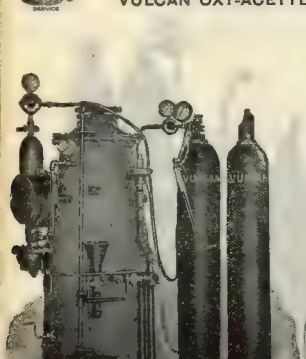
VULCAN OXY-ACETYLENE WELDING EQUIPMENT

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

Welding Plants
Entire Page.....Market



VULCAN WELDING AND CUTTING PLANT No. 3

VULCAN WELDING AND CUTTING PLANT No. 4 MOUNTED ON TRUCK

Either the Vulcan No. 3 or No. 4 Plants may be Mounted on Trucks and when so Mounted are Very Popular Among Railroad Shops, Ship Yards and Other Places where a Portable Plant of Large Capacity is Required. The use of the Acetylene Generator Creates a Saving of about two-thirds in the Cost of Acetylene.

VULCAN WELDING AND CUTTING PLANT No. 3

1 25 Lb Vulcan Automatic Acetylene Generator.
1 No. 3 Vulcan Torch with 8 Assorted Brass Tips, 1 Copper Tip and Hose Connections.
1 No. 10 Cutting Attachment.
1 Carbon Burning Torch
3 Vulcan Automatic Oxygen Regulator with Triple Diaphragm, Hose Connection,
1 3000 Lb. Pressure Gauge, and
1 60 Lb. Working Pressure Gauge.
1 Vulcan Automatic Acetylene Regulator with Double Diaphragm, Hose Connection,
1 200 Lb. Pressure Gauge, and
1 30 Lb. Pressure Gauge
2 25 ft. Lengths Vulcan Welding Hose.
10 Lbs. $\frac{1}{16}$ in. and $\frac{1}{8}$ in. Steel Welding Rod.
14 Lbs. $\frac{1}{16}$ in. and $\frac{1}{8}$ in. Cast Iron Welding Rod.
2 Lbs. Aluminum Welding Rod.
2 Lbs. Bronze Welding Rod.
2 Lbs. Cast Iron Flux.
1 Lb. Brass and Bronze Flux.
1 Pair No. 11 Welding Spectacles.
1 Pair No. 18 Welding Goggles.
1 150 Page Instruction Book on Welding.
400 ft. of Oxygen Furnished in Loan Drums.

	Each
No. 3—Complete as listed above	$550 00
For Truck, Add	65.00

VULCAN WELDING AND CUTTING PLANT No. 4

1 50 Lb. Vulcan Automatic Acetylene Generator.
1 No. 2 Vulcan Torch with 8 Assorted Brass Tips, 1 Copper Tip and Hose Connections.
1 No. 10 Cutting Attachment.
1 Carbon Burning Torch.
1 Vulcan Automatic Oxygen Regulator with Triple Diaphragm, Hose Connections,
1 3000 Lb. Pressure Gauge, and
1 60 Lb. Pressure Gauge.
1 Vulcan Automatic Acetylene Regulator with Double Diaphragm, Hose Connection,
1 500 Lb. Pressure Gauge, and
1 30 Lb. Pressure Gauge.
2 25 ft. Lengths Vulcan Welding Hose.
10 Lbs. $\frac{1}{16}$ in. and $\frac{1}{8}$ in. Steel Welding Rod.
14 Lbs. $\frac{1}{16}$ in. and $\frac{1}{8}$ in. Cast Iron Welding Rod.
2 Lbs. Aluminum Welding Rod.
2 Lbs. Bronze Welding Rod.
2 Lbs. Cast Iron Flux.
1 Lb. Brass and Bronze Flux.
1 Pair No. 11 Welding Spectacles.
1 Pair No. 18 Welding Goggles.
1 150 Page Instruction Book on Welding.
400 ft. of Oxygen Furnished in Loan Drums.

	Each
No. 4—Complete as listed above	$450 00
For Truck, Add	75.00

The Lists on this Page are Sold Only as a Complete Unit. to Page 338C and Figure Entire Equipment from Parts Price List.

If any Part is not Wanted, do not use these Prices, but turn

Oxygen Drums are Furnished Free for a Period of 30 Days, after which, the Company Reserves the Right to Make a Rental Charge of 25 Cents per Week for Each Week in Excess of 30 Days.

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

VULCAN OXY-ACETYLENE WELDING EQUIPMENT

VULCAN AUTOMATIC OXYGEN REGULATORS

These Regulators deliver gas at an unvarying pressure and maintain the perfect adjustment of the flame during the operation of the torch. A successful weld depends largely on this feature and extreme care is used in designing and building these instruments, to obtain the most perfect pressure control. To accomplish this, these Regulators are fitted with very flexible diaphragms, three in. in diameter, made of three thin sheets of Extra High Quality Phosphor Bronze. The theory of this construction is illustrated by comparing the flexibility and stress of a steel cable with that of a steel bar of the same size. Any desired pressure is instantly obtained by a slight turn of the T-handled screw on the front of the Regulator.

These Regulators are fitted with a counter spring which presses the diaphragm back, increasing its sensitiveness, and insuring a tight closure of the valve when the adjusting screw is released. The valve seat is an especially prepared composition that will withstand hard wear and crushing strains. The diaphragms and all other parts are removable and easily accessible for inspection

	Each
Vulcan Oxygen Regulators, Fitted with Hose Connections, Drum Connections and 60 and 3000-Lb Nickel Plated. Brass Case Gauges, having Bevel Edge Plate Glass Fronts, Complete as Illustrated	$35.00
Without Gauges	20.00

VULCAN ACETYLENE REGULATORS

The nearer the acetylene can be maintained at a steady, unvarying pressure in the hose line, the more easily it may be blended into a neutral flame at the torch, and the more perfect will be the weld.

Vulcan Acetylene Regulators are equipped with extra large and flexible diaphragms, which are very sensitive to the slightest variations of pressure, and this sensitiveness is further increased by a counter spring acting in conjunction with the pressure. The diaphragms in these regulators are 3 in. in diameter and are composed of two very thin sheets of the best German Silver. Any desired pressure can be quickly obtained by the T-handled adjusting screw on the front of the regulator, and when the desired pressure is secured it remains constant and uniform during the operation of the torch.

The seats are made of our special composition which will keep its shape and remain tight. Like the Oxygen Regulators, all parts are easily removed for inspection.

	Each
Vulcan Automatic Acetylene Regulators Fitted with Hose Connections, and 60 and 500-Lb. Nickel Plated, Brass Case Gauges having Bevel Edge Plate Glass Fronts	$30.00
Without Gauges	20.00

STAR AUTOMATIC OXYGEN REGULATORS

Star Automatic Oxygen Regulators are next in quality, to the Vulcan, and when the work to be welded is not of particular importance they will give fairly good results. The diaphragms are soldered in place and cannot be removed for inspection. They are 2½ in. in Diameter and are made of One Thickness of Bronze.

	Each
Star Oxygen Regulators Fitted with Hose Connections, Drum Connections and 60 and 3000 Lb. Iron Case Gauges	$25.00
Without Gauges	16.50

STAR AUTOMATIC ACETYLENE REGULATORS

Are quite reliable in operation and are next, in quality, to the Vulcan. For jobs of minor importance they may give fairly good results. They are built with a single piece 2½ in. diaphragm, soldered in place, which for this reason cannot be removed for inspection

	Each
Star Automatic Acetylene Regulators Fitted with Hose Connections, Drum Connections, and 60 and 500 Lb. Iron Case Gauges	$20.00
Without Gauges	16.50

GAUGES

Vulcan Pressure Gauges have a Solid Brass, Nickel Plated Case, with Hexagon Shank to Fit a ¼ in. Standard Pipe Connection. The Glass Front is Very Heavy Plate, with Bevel Edges

	Each
20 Lb. Vulcan Pressure Gauge	$ 5.00
60 Lb. Vulcan Pressure Gauge	5.00
500 Lb. Vulcan Pressure Gauge	5.00
3000 Lb. Vulcan Pressure Gauge, with Safety Back	12.00

Star Pressure Gauges have a Stamped Steel Case, with Shank to Fit ¼ in. Standard Pipe Connection and Plain Glass Front Fastened with a Brass Slip Ring

	Each
60 Lb. Star Pressure Gauge	$ 3.50
500 Lb. Star Pressure Gauge	3.50
3000 Lb. Star Pressure Gauge	3.00

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

VULCAN OXY-ACETYLENE WELDING EQUIPMENT

STAR WELDING APPARATUS

A Splendid Light Constructed Equipment Suitable for Welding Thicknesses of 1 Inch or Less

1 Star Welding Torch with 3 Assorted Tips, Nos. 2, 3, 4, 6, 8.
1 Star Automatic Oxygen Regulator with
1 3000 Lb. Pressure Gauge and
1 60 Lb. Pressure Gauge
1 Star Automatic Acetylene Regulator with
1 500 Lb. Pressure Gauge and
1 60 Lb. Pressure Gauge.
2 12½ ft Lengths Star Welding Hose.
4 Hose Connections
1 Pair of No. 4 Welding Spectacles.
1 150 Page Instruction Book

Star Welding Apparatus—Complete as above..... Each .$60.00

It must be understood that $60.00 does not include the Truck, Acetylene Cylinders, Oxygen Drums, Carbon Burning Torch or Lessons in Welding.

ADD FOR

	Each
100 ft. Acetylene Cylinder (filled).....	$33.00
200 ft. of Oxygen, Furnished in Loaned Drum.....	4.00
Truck, as shown in cut	10.00
Carbon Burning Torch.....	3.50
Assortment of Welding Rods and Fluxes, as Listed in Parts Price List.....	5.00

The Star Welding Apparatus described above cannot be Fitted with the No. 10 Cutting Attachment Listed with the Vulcan No. 2 Plant

If a Cutting Attachment is Wanted we Recommend Procuring Vulcan Equipment Throughout.

VULCAN WELDING AND CUTTING PLANT No. 2

This Plant is not Furnished with an Acetylene Generator as the Larger Plants are, but the Acetylene is Furnished in Drums which can be Refilled in any of the Recharging Stations Throughout the Country

With the Oxygen and Acetylene in Drums, the Plant is Always Ready for Instant Use, and is Especially Adapted for Portable Purposes

1 No. 2 Vulcan Welding Torch with 6 Assorted Tips, Nos. 2, 3, 4, 6, 8 and 10, and Hose Connections.
1 No. 10 Cutting Attachment.
1 Carbon Burning Torch
1 Vulcan Automatic Oxygen Regulator with Triple Diaphragms, Hose Connections,
1 3000 Lb. Pressure Gauge, and
1 60 Lb. Pressure Gauge.
1 Vulcan Automatic Acetylene Regulator with Double Diaphragm Hose Connection,
1 500 Lb. Pressure Gauge, and
1 30 Lb. Pressure Gauge.
1 No. 2 Truck.
2 12½ ft. Lengths Vulcan Welding Hose.
6 Lbs. 5/32 in. Cast Iron Welding Rod.
2 Lbs. ¼ in. Cast Iron Welding Rod.
6 Lbs. 5/32 in. Steel Welding Rod.
2 Lbs. ¼ in. Steel Welding Rod.
1 Lb. ¼ in. Bronze Welding Rod.
2 Lbs. No. 7 Brass Spelter Welding Rod.
2 Lbs. ¼ in. Aluminum Welding Rod.
2 Lbs. Cast Iron Flux.
1 Lb. Brass and Bronze Flux.
1 Pair No. 11 Welding Spectacles.
1 150 Page Instruction Book on Welding.
2 100 ft. Acetylene Drums (filled).
400 ft. of Oxygen Gas Furnished in Loaned Drums.

	Each
No. 2—Complete as above.....	$195.00

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

The Lists on this Page are Sold Only as a Complete Unit. If Any Part is not Wanted, do not use these Prices, but turn to Page 338C and Figure Entire Equipment from Parts Price List.

No Acetylene Drums will be put out on a Service Charge or Loan Basis, but are Sold Outright and Become the Property of the Purchaser.

Oxygen Drums are Furnished Free for a Period of 30 Days, after which, the Company Reserves the Right to Make a Rental Charge of 25 Cents per Week for Each Week in Excess of 30 Days.

Kelley-How-Thomson Co. of Duluth

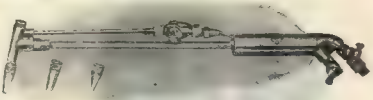
VULCAN OXY-ACETYLENE WELDING EQUIPMENT

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight Cylinders Third Class)
(Freight Other Parts First Class)
Welding Plants Entire Page.....Market



VULCAN WELDING TORCH No. 2

The Torch is the most important part of the Oxy-Acetylene Welders' Equipment. We do not have room in a general catalogue of this nature to enumerate all the requirements of such a Torch; but we want to put all the emphasis possible on the fact that both the gases must be very thoroughly mixed in exact proportions, and then ejected at the right velocity, or the torch will not be a dependable tool, but only a source of annoyance and financial loss. In the head of Vulcan Torches there is an arrangement of parts that thoroughly intermingle the atoms of each gas in exactly the right proportions to give the very hottest flame and to avoid any possibility of stream lines of either gas escaping unconsumed to the atmosphere where they would be wasted, or entering the melted metal where they would ruin the weld. A Vulcan Torch is a dependable tool built for heavy hard work of the most exacting nature and has a welding range that adapts it for use on sheet metal $\frac{1}{32}$ in. thick, or the heaviest locomotive frames and drive wheels. Each

No. 2—Torch shown above is Best Adapted to General Work and is the One Furnished with Complete Outfits. It is 19 in. Long, Weighs 28 Ozs. and is Furnished with Hose Connections and 6 Brass Tips of Assorted Sizes for....$35.00

Same with 8 Brass Tips and One Copper Tip of Assorted Sizes 40.00

STAR WELDING TORCH

A Well Designed and Dependable Torch for Light Work up to 1¼ in. in Diameter Each

Length, 18 in.; Weight, 24 Ozs. Furnished with Hose Connections and 5 Brass Tips of Assorted Sizes.....$22.50

WELDING SPECTACLES AND GOGGLES Each

No. 4—Star Welding Spectacles, 1¾x1½ in. Oblong, Dark Lens, Light Steel Bows.....$0.50

No. 11—Vulcan Welding Spectacles, 2 in. Round, Dark Lens, Heavy Nickel Plated Bows..... 1.00

No. 15—Vulcan Welding Spectacles, 2 in. Round, Dark Lens, Hinge Nose Piece and Cable Bows. The Frames and Bows are Made of Non-Corrosive "Albex" Metal..... 2.00

No. 18—Vulcan Welding Goggles, with Black Rubber Frames, Straps to Pass Around the Head, Side Shields and Both Amber and Crystal Removable Lenses..... 3.25

VULCAN TORCH No. 12

The same hollow conical heating flame is used in this Torch which has made all Vulcan Cutting Torches so successful. This heating flame entirely surrounds the oxygen jet, prevents any air reaching it, and regardless of the direction in which the cut is being made, a portion of the heating flame is always in advance to warm up the metal preparatory to cutting. It is not designed to do as heavy work as the No. 11 neither is it as large and for this reason it is admirably adapted to intricate cutting in inaccessible places. When fitted with the extra long tips, rivet heads may be cut off a steam boiler without scarring the boiler sheet. Unless otherwise specified these torches are furnished with three tips, Nos. 1, 2 and 3. The No. 1 Tip is for cutting thicknesses up to 3 in., the No. 2 up to 5 in., and the No. 3 up to 7 in. Length of Torch 19½ in., Weight 40 Ozs. Each

No. 12—Torch as Illustrated with Three Tips.....$60.00

EXTRA TIPS FOR No. 12 CUTTING TORCH Each

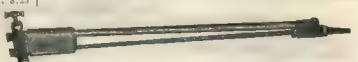
Nos. 1, 2 or 3—Brass Tips, 1¾ in. Long.....$3.50
Nos. 1, 2 or 3—Brass Tips, 3 in. Long..... 4.50
Nos. 1, 2 or 3—Copper Tips, 1¾ in. Long..... 4.50
Nos. 1, 2 or 3—Copper Tips, 3 in. Long..... 6.50

Extra Cutting Heads for No. 11 Cutting Torch Each

No. 1—For Cutting Thicknesses up to 3 in.....$10.00
No. 2—For Cutting Thicknesses up to 5¼ in..... 10.00
No. 3—For Cutting Thicknesses up to 8 in..... 10.00

Vulcan Torch No. 3 uses the same tips and does the same excellent work as the Vulcan No. 2. It is made longer to enable the operator to stand at a more comfortable distance from large hot work, or to weld into places that cannot be reached with a shorter torch. Length, 33 in.; Weight, 32 Ozs. Each

No. 3—Furnished with Hose Connections and 6 Brass Tips of Assorted Sizes.....$35.50



VULCAN CARBON BURNING TORCH

Our Carbon Burning Torch is light, easily handled and is provided with a valve within easy reach of the thumb, so that the flow of oxygen is under perfect control at all times. The tip is 15 in. long, it is slender and flexible, so that it may be bent at the will of the operator, to reach the most inaccessable crevices. Each

Vulcan Carbon Burning Torch, with Long Detachable Tip, as Illustrated $3.75
Extra Tips for same..... .75

VULCAN STRAIGHT LINE WELDING TORCH No. 4

Uses the same tips and does the same work as the No. 2 Torch, but the flame is projected straight ahead or in line with the handle. Very convenient for welding in the bottom of deep, narrow openings. Each

No. 4—Furnished with Hose Connections and 6 Brass Tips of Assorted Sizes.....$35.00

NOTICE. Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

Kelley-How-Thomson Co. of Duluth

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

Welding Plants Entire Page.. ..... Market

VULCAN OXY-ACETYLENE WELDING EQUIPMENT

VULCAN MIDGET WELDING PLANT

Hardware Men, Tinsmiths, Plumbers and many others will find this small Oxy-Acetylene Welding Outfit to be the most useful part of their kit, especially when an extremely hot, but small concentrated flame is required. The tiny small welding flame which is about the size of a grain of rice, is very nearly as hot as the flame of the larger torches, but of course it lacks the volume and for that reason cannot be used on heavy work.

It may be used with admirable results in welding small pin holes in Radiators, Welding Handles, Replacing Spouts, Repairing Holes in Enamel Ware, Renewing Worn Places on Hames Staples, Singletree Hooks, Tug Eyes, or Harness Locks. Broken or Damaged Shelf Hardware, either Cast Iron, Steel, or any other metals, can be welded and made as good as new.

This Midget Outfit is contained in a handy portable case that may be carried about like a valise. Its dimensions are 17 in. High, 12 in. Wide and 4½ in. Deep and the Weight of the Complete Outfit is only 24 Lbs.

It contains all the necessary supplies for any kind of Repair, Welding or Brazing, and is ready for immediate use.

The equipment included with this Outfit Consists of:

1 Composition Case with Handle and Brass Trimmings.
1 10 ft. Acetylene Drum, Filled.
1 7 ft. Oxygen Drum, Filled.
1 Midget Non-Automatic Acetylene Regulator.
1 Midget Non-Automatic Oxygen Regulator.
2 8 ft. Lengths of ¼ in. Midget Welding Hose.
1 Midget Welding and Brazing Torch, with 3 Assorted Brass Tips.
½ Lb. No. 18 Steel Welding Rod.
½ Lb. No. 11 Spelter Rod.
½ Lb. ¼ in. Vulcan Bronze Rod.
½ Lb. Brass and Bronze Flux.
1 Book of Instructions.

Each

Vulcan Midget Welding Plant—Complete as Illustrated and Listed.....$45.00

STAR WELDING HOSE

Star Welding Hose is a Plain, Heavy Moulded Rubber Hose, Reinforced with Layers of Cotton Tubing, and Capable of Standing a Working Pressure of 75 Lbs. It is Furnished in Two Colors. Black for Oxygen Service, and Red for Acetylene Service

Per Foot

Star Welding Hose.....$0.1.

Each

Hose Connections.....$0.30

Carbon Burner No. 3

VULCAN CARBON BURNING OUTFIT

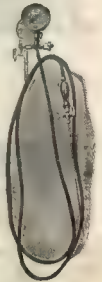
Soot or carbon frequently accumulates in the compression chamber of automobile engines to such an extent that it seriously interferes with their perfect working. In the past it has been the practice of mechanics to remove this carbon by scraping which is a long expensive operation. With the Vulcan Carbon Burning Outfit a Four Cylinder Auto can be perfectly cleaned in 20 minutes at a cost of 20 cents and the work is so simple it may be done by the most inexperienced operator without difficulty.

Each

No. 1—Consisting of Non-Automatic Oxygen Regulator, 3000 Lb. Pressure Gauge, 12½ ft. Hose and Carbon Burning Torch.....$15.00

No. 2—Consisting of Star Automatic Oxygen Regulator, 3000 Lb. and 60 Lb. Pressure Gauges, 12½ ft. Hose and Connections, and Carbon Burning Torch 30.00

No. 3—Consisting of Vulcan Automatic Oxygen Regulator, 3000 Lb. and 60 Lb. Pressure Gauges, 12½ ft Hose and Connections, and Carbon Burning Torch 40.00



Carbon Burner No. 1

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

Kelley-How-Thomson Co. of Duluth

VULCAN OXY-ACETYLENE WELDING EQUIPMENT

PARTS, PRICE LIST OF PLANTS SHOWN ON PAGE 338A

STAR PARTS PRICE LIST

	Each
1 Star Welding Torch with 5 Assorted Brass Tips, Nos. 2, 3, 4, 6, 8, and Hose Connections	$22.50
1 Star Automatic Oxygen Regulator, with Hose Connection, 1 3000 Lb. Pressure Gauge and 1 60 Lb. Pressure Gauge	25.00
1 Star Automatic Acetylene Regulator, with Hose Connection, 1 500 Lb. Pressure Gauge and 1 30 Lb. Pressure Gauge	20.00
2 12½ ft. Lengths Star Welding Hose	3.75
1 Pair of No. 4 Welding Spectacles	.50
1 150 Page Instruction Book	1.50
1 100 ft. Acetylene Cylinder, filled	30.00
200 ft. of Oxygen, Furnished in Loan Drum	4 00
1 Truck, as shown in cut	10.00
1 Carbon Burning Torch	3.50

Assortment of Welding Rods and Fluxes as Listed

	Per Assortment
4 Lbs. ¼ in. Steel Welding Rod, 5 Lbs. ⅛ in. Cast Iron Welding Rod, 1 Lb. Aluminum Welding Rod, ⅛ Lb. Bronze Welding Rod, 1 Lb. Cast Iron Flux, 1 Lb. Bronze and Brass Flux, 1 Lb. No. 7 Brass Spelter	$5.00

No. 2 VULCAN PARTS PRICE LIST

	Each
1 No. 2 Vulcan Welding Torch, with 6 Assorted Brass Tips, Nos. 2, 3, 4, 6, 8 and 10	$35.00
1 No. 10 Cutting Attachment	25.00
1 Carbon Burning Torch	3.50
1 Vulcan Automatic Oxygen Regulator, with Triple Diaphragm, Hose Connection; 1 3000 Lb. Pressure Gauge, and 1 60 Lb. Pressure Gauge	25.00
1 Vulcan Automatic Acetylene Regulator, with Double Diaphragm; 1 500 Lb. Pressure Gauge, and 1 30 Lb. Pressure Gauge	30.00
1 No. 2 Truck	10 00
2 12½ ft. Lengths of Vulcan Welding Hose	6 75
4 Lbs. ⅛ in. Cast Iron Welding Rod, 2 Lbs. ¼ in. Cast Iron Welding Rod, 3 Lbs. ⅛ in. Steel Welding Rod, 2 Lbs. ¼ in. Steel Welding Rod, 1 Lb. ¼ in. Bronze Welding Rod, 2 Lbs. No. 7 Brass Spelter Welding Rod, 2 Lbs. Cast Iron Flux, 1 Lb. Bronze and Brass Flux, 2 Lbs. Aluminum Welding Rod, 1 Pair No. 11 Welding Spectacles, 1 150 Page Instruction Book on Welding	10.00
100 ft. Acetylene Cylinders, filled	30.00
200 ft. of Oxygen, Furnished in Loan Drum	4.00

PARTS PRICE LIST OF PLANT SHOWN ON PAGE 338D

No. 3 VULCAN PARTS PRICE LIST

	Each
1 No. 2 Vulcan Torch, with 8 Assorted Brass Tips, 1 Copper Tip, and Hose Connections	$40.00
1 No. 10 Cutting Attachment	25.00
1 Carbon Burning Torch	3.50
1 Vulcan Automatic Oxygen Regulator, with Triple Diaphragm, Hose Connection; 1 3000 Lb. Pressure Gauge, and 1 60 Lb. Pressure Gauge	35.00
1 Vulcan Automatic Acetylene Regulator, with Double Diaphragm, Hose Connection; 1 500 Lb. Pressure Gauge, and 1 30 Lb. Pressure Gauge	30.00
2 25 ft. Lengths Vulcan Welding Hose	12.50
10 Lbs. ⅛ in. and ¼ in. Steel Welding Rod, 14 Lbs. ⅛ in. and ¼ in. Cast Iron Welding Rod, 2 Lbs. Aluminum Welding Rod, 2 Lbs. Bronze Welding Rod, 2 Lbs. Cast Iron Flux, 1 Lb. Brass and Bronze Flux, 1 Pair No. 11 Welding Spectacles, 1 Pair No. 18 Welding Goggles, 1 150 Page Instruction Book on Welding	15.00
25 Lb. Vulcan Automatic Acetylene Generator	200.00
200 ft. of Oxygen, Furnished in Loan Drum	4.00

No. 4 VULCAN PARTS PRICE LIST

	Each
1 No. 2 Vulcan Torch, with 8 Assorted Brass Tips, 1 Copper Tip, and Hose Connections	$ 40 00
1 No. 10 Cutting Attachment	25 00
1 Carbon Burning Torch	3 50
1 Vulcan Automatic Oxygen Regulator, with Triple Diaphragm, Hose Connection; 1 3000 Lb. Pressure Gauge, and 1 60 Lb. Pressure Gauge	35.00
1 Vulcan Automatic Acetylene Regulator, with Double Diaphragm, Hose Connection; 1 500 Lb. Pressure Gauge, and 1 30 Lb. Pressure Gauge	30 00
2 25 ft. Lengths Vulcan Welding Hose	12.50
10 Lb. ⅛ in. and ¼ in. Steel Welding Rod, 14 Lbs. ⅛ in. and ¼ in. Cast Iron Welding Rod, 2 Lbs. Aluminum Welding Rod, 2 Lbs. Bronze Welding Rod, 2 Lbs. Cast Iron Flux, 1 Lb. Brass and Bronze Flux, 1 Pair No. 11 Welding Spectacles, 1 Pair No. 18 Welding Goggles, 1 150 Page Instruction Book on Welding	15 00
50 Lb. Vulcan Automatic Acetylene Generator	300 00
200 ft. of Oxygen, Furnished in Loan Drum	4.00

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

VULCAN ACETYLENE GENERATORS

They are Regularly Made in Four Sizes. The 25 Lb. Size is Illustrated above

	Each
Vulcan Automatic Acetylene Generator, 25-Lb.	$200 00
Vulcan Automatic Acetylene Generator, 50-Lb.	300 00
Vulcan Automatic Acetylene Generator, 100-Lb.	450 00
Vulcan Automatic Acetylene Generator, 200-Lb.	650.00

VULCAN WELDING HOSE

Vulcan Welding Hose is Especially Prepared for Vulcan Welding Equipment. It is a Very Durable Moulded Hose, Reinforced with Several Layers of Woven Cotton Tubing, and is Capable of Holding a Welding Pressure of 150 Lbs. Although it is Made to Withstand this Very High Pressure, it is Extremely Flexible and the Fine Corrugated Surface Gives it a Soft, Velvety Feeling in the Hand. The Lining of Vulcan Hose is a Special Compound that Will not be Decomposed by the Action of Gases.

It is Furnished in Two Colors, the Black for Oxygen, and the Red for Acetylene.

	Per Foot
Vulcan Welding Hose	$0.25
	Each
Hose Connections	$0.30

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight First Class)

WELDING EQUIPMENT

Cutting Torch
No. 10, 11, 12.. .....Market

Cast Iron Welding Rods
3-16 in.....$0.30
¼ in..... .34
5-16 in..... .22

Soft Steel Wire
No. 9.....$0.24
No. 12. ..... .28

Vulcan Bronze Rods
⅛ in.....$1.56

Extra Soft Steel Welding Rods
3-16 in.....$0.22
¼ in..... .22

Aluminum Alloy Rods
⅛ in.....$6.00

Sealing Powders or Fluxes
No 1.. .....$1.12
No. 1A..... 5.56
No. 1A..... 4.44
No. 1B. 1.68

Composition Cement
No. 5A.....$1.34

Vulcarbon Rods
3/32 in.....$0.11
1/16 in..... .11
5/64 in..... .22
3/32 in..... .28
⅛ in..... .34
1 in..... .34

Vulcarbon Blocks
¼x6x12 in....$1.34
5/16x6x12 in.... 1.68
⅜x6x12 in.... 1.90
7/16x6x12 in.... 2.00
½x6x12 in.... 2.34
1x6x12 in.... 3.44

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

VULCAN CUTTING TORCH No. 11

In these Torches the heating flame is formed in a hollow cone surrounding the Oxygen Cutting Jet. This arrangement protects from the polluting effect of the air and provides a heating flame that will always precede the cutting jet, regardless of the direction in which the torch is moving. They may be used for cutting steel channels into lengths or coping out the corners to fit other channels, cutting mac-holes or irregular opening in boiler plates, and for cutting up old boilers, or wrecked steel structures into commercial scrap. Unless otherwise specified, the medium size head (No. 2) is furnished with this torch. Length, 22 in ; Weight, 50 Ozs.

	Each
No. 11—Cutting Torch, as illustrated, with One Head (No. 2)	$75.00
Same, with Three Heads (Nos. 1, 2 and 3)	65.00

VULCAN CUTTING ATTACHMENT No. 10
Combination Cutting and Welding Torch

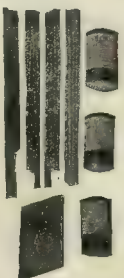
This Cutting Attachment can be applied to the regular No. 2 Vulcan Welding Torch, in a very few minutes and used for any job of cutting that could be handled by the regular No. 11 Vulcan Cutting Torch. It employs the same hollow conical heating flame described under the other two cutting outfits. The combination weighs no more than a single utility cutting torch and is not cumbersome to handle.

As a combination it will cut any thickness of metal up to 8 in. with very economical results and then by loosening a couple of nuts the entire attachment can be taken off in one piece, leaving the welding torch ready to repair anything small or large even up to a 6 in. steel shaft. When the No. 10 Combination is ordered, the cutting attachment only is furnished. When the complete cutting and welding outfit is wanted, the No. 10 Cutting Attachment with No. 2 Welding Torch should be ordered. The No. 10 Cutting Attachment is regularly furnished with the No. 2 size cutting head which is capable of cutting thicknesses up to 5½ in., but the No. 1 or No. 3 Head will be furnished if requested.

These Cutting Heads are the same ones used with the No. 11 Cutting Torch and are Perfectly Interchangeable.

	Each
No. 10—Cutting Attachment with One Head with the No. 2 Welding Torch, Hose Connections and 6 Assorted Tips, Making a Complete Cutting and Welding Combination as illustrated	$80.00
No. 12—Cutting Attachment Only	25.00
Extra Cutting Heads	10.00

WELDERS' SUPPLIES



In order to do first class welding it is necessary to have High Grade Materials, and we have selected only those that have been carefully tested and proven satisfactory. It may be possible to obtain supplies at a slightly lower price, but the difference in cost of the best and those of an unknown quality is so insignificant in comparison with the work, that it is unwise to take chances in this respect.

CAST IRON WELDING RODS
For Cast Iron Welding

	Per Pound	100 Lbs
3/16 in. Diameter, 12 in. Long	$0.36	$30.24
¼ in. Diameter, 19 in. Long	.30	24
¼ in. Diameter, 19 in. Long	.30	24

SOFT STEEL WIRE
For Welding Light Steel Work

	Per Pound
Size No. 9 Standard Gauge	$0.34
Size No. 12 Standard Gauge	.38

VULCAN BRONZE RODS
For Malleable Castings, Also Bronze or Brass Castings

	Per Pound
⅛ in. Diameter, 18 in. Long	$1.60

EXTRA SOFT STEEL WELDING RODS
For Welding Boilers, etc.

	Per Pound
3/16 in. Diameter, 24 in. Long	$0.32
¼ in. Diameter, 24 in. Long	.30

ALUMINUM ALLOY RODS
For Cast or Sheet Aluminum Welding

	Per Pound
⅛ in. Diameter, 24 in. Long	$1.80

SCALING POWDERS OR FLUXES
For Removing Impurities from Welds

	Each
No. 1—Cast Iron Welding Flux: In 1 Lb. Cans	$1.20
No. 2—Cast Iron Welding Flux: In 5 Lb. Cans	4.00
No. 1A—Aluminum Welding Flux: In 1 Lb. Cans	4.00
No. 1B—Brass, Bronze or Copper Welding Flux: In 1 Lb. Cans	1.60

ASBESTOS PAPER
Used in Preheating Castings

	Per Pound
36 in. Wide; (Will Cut to Any Length)	$....

COMPOSITION CEMENT
For Backing Aluminum Cases

	Each
No. 5A—Composition Cement; In 5 Lb. Cans	$1.20

VULCARBON RODS

	Each
3/32 in. Diameter, 12 in. Long	$0.20
1/16 in. Diameter, 12 in. Long	.20
5/64 in. Diameter, 12 in. Long	.30
3/32 in. Diameter, 12 in. Long	.40
⅛ in. Diameter, 12 in. Long	.50
5/32 in. Diameter, 12 in. Long	.60
1 in. Diameter, 12 in. Long	Open Stock

VULCARBON BLOCKS

	Each
1/4x6x12 in	$1.20
5/16x6x12 in	1.50
3/8x6x12 in	1.70
7/16x6x12 in	1.80
½x6x12 in	2.10
⅝x6x12 in	2.70
1 x6x12 in	3.10

Kelley-How-Thomson Co. of Duluth

Dating May 1, 1916

POCKET KNIVES

APPROXIMATE NET PRICES

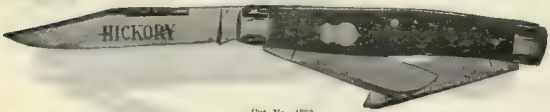
Subject to Change Without Notice

HICKORY AND NAPANOCH BRANDS

UNCONDITIONALLY GUARANTEED

~~HICKORY~~ Highest Grade Crucible Steel Blades, Carefully Tempered Sharpened and Whetted, Ready for Use

(Cuts Two-Thirds Size)



Cut No. 4330

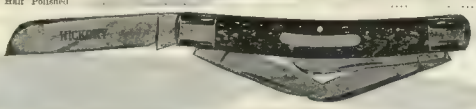
(Freight Second Class)

Pocket Knives

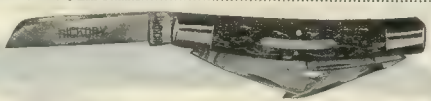
No. 4330.... $19.98
No. 73198.... 19.98
No. 44188.... 19.98
No. 74187.... 19.98
No. 43237.... 18.88
No. 44139.... 18.88
No. 44154.... 16.66
No. 43119.... 22.10
No. 73238.... 44.40

	Per Dozen
No. 4330—4 in. **Stag Handle**; Three Blades, 1 Large Clip, 1 Sheep Foot and 1 Spaying, Half Polished	$16.00
No. 73198—4 in. **Pearl Handle**; Three Blades, 1 Large Clip, 1 Sheep Foot and 1 Spaying, Half Polished	26.00
No. 44188—4 in. **Stag Handle**; Four Blades, 1 Large Clip, 1 Sheep Foot, 1 Spaying and 1 Pen, Half Polished	18.00
No. 74187—4 in. **Pearl Handle**; Four Blades; 1 Large Clip, 1 Sheep Foot, 1 Spaying and 1 Pen, Half Polished	26.00

	Per Dozen
No. 43237—4 in. **Stag Handle**, Serpentine Pattern, Brass Lined, Double German Silver Bolsters; Three Blades, 1 Clip, 1 Spaying and 1 Pen, Half Polished	$16.00



	Per Dozen
No. 44139—3⅝ in. **Stag Handle**, Congress Pattern, Brass Lined, Double German Silver Bolsters; Four Blades, 1 Large Sheep Foot, 1 Small Sheep Foot and 2 Pens, Half Polished	$16.00



	Per Dozen
No. 44154—3¾ in. **Stag Handle**, Congress Pattern, Brass Lined, Double German Silver Bolsters; Four Blades, 1 Large Sheep Foot, 1 Small Sheep Foot, 1 Nail and 1 Pen, Half Polished	$14.00

Cut No. 43119

Oval Pattern, German Silver Lined, Double German Silver Bolsters; Three Blades, 1 Spear Point, 1 Pen and 1 Nail File, Half Polished

	Per Dozen
No. 43119—3¾ in. **Stag Handle**	$20.00
No. 73238—3¾ in. **Pearl Handle**	40.00

All Above, Half Dozen in a Cardboard Box

As we handle both the HICKORY and NAPANOCH Brands under the same number, SPECIFY BRAND WANTED

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

HICKORY QUALITY

Kelley-How-Thomson Co. of Duluth

POCKET KNIVES

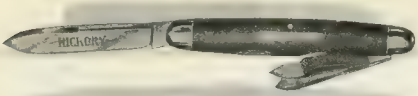
HICKORY AND NAPANOCH BRANDS

UNCONDITIONALLY GUARANTEED

HICKORY — Highest Grade Crucible Steel Blades, Carefully Tempered

Sharpened and Whetted, Ready for Use

(Cuts Two-Thirds Size)



Per Dozen

No. 3389—2¼ in. **Cocobolo Handle,** Senator Pattern, Brass Lined, Double German Silver Bolsters; Three Blades, 1 Spear Point, 1 Pen and 1 Nail, Half Polished.....$14.00

Per Dozen

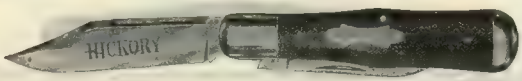
No. 12126—3⅜ in. **Ebony Handle,** Jack Pattern, Brass Lined, German Silver Bolster and Cap; Two Blades, 1 Large Spear Point and 1 Pen, Half Polished.....$12.00

Cut No. 42156

Equal End Jack Pattern, Brass Lined, Double German Silver Bolsters; Two Blades, 1 Large Spear Point and 1 Pen, Half Polished

Per Dozen

No. 42156—3⅜ in. **Stag** Handle.....$12 00
No. 1233 — 3⅜ in. **Ebony** Handle.....11.00



Per Dozen

No. 12127—3¾ in. **Ebony Handle,** Balloon Pattern, Brass Lined, German Silver Bolster and Cap; Two Blades, 1 Extra Heavy Clip and 1 Pen, Half Polished.....$12.00

Cut No. 4283

Equal End Cattle Pattern, Brass Lined, Steel Bolster and Cap, Two Blades, 1 Large Spear Point and 1 Pen Half Polished

Per Dozen

No. 4283 —4¼ in. **Stag** Handle.....$12 00
No. 12122—4¼ in. **Ebony** Handle.....12 00

All Above Half Dozen in a Cardboard Box

As we handle both the HICKORY and NAPANOCH Brands under the same number, SPECIFY BRAND WANTED

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight Second Class)

Pocket Knives

No. 3389	$15.54
No. 12126	13.32
No. 42156	14.44
No. 1233	13.32
No. 12127	15.32
No. 4283	14.44
No. 12122	13.32

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Kelley-How-Thomson Co. of Duluth

POCKET KNIVES

HICKORY AND NAPANOCH BRANDS

UNCONDITIONALLY GUARANTEED

HICKORY — Highest Grade Crucible Steel Blades, Carefully Tempered

Sharpened and Whetted, Ready for Use

(Cuts Two-Thirds Size)

Dating May 1, 1914

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight Second Class)

Pocket Knives

No. 3210	$10.00
No. 32175	8.88
No. 4291	10.56
No. 1284	9.44
No. 32111	11.10
No. 42118	10.00
No. 42244	11.70
No. 72245	17.76

Per Dozen

No. 3210—3¼ in. **Cocobolo Handle,** Equal End Jack Pattern, Brass Lined, German Silver Bolster and Cap; Two Blades, 1 Large Spear Point and 1 Pen, Half Polished.....$8.00

Cut No. 4291

Swell Center Jack Pattern, Brass Lined, German Silver Bolster; Two Blades, 1 Large Spear Point and 1 Pen, Half Polished

Per Dozen

No. 32175—3½ in. Cocobolo Handle.....$8 00
No. 4291 —3⅝ in. Stag Handle.....8.00

Per Dozen

No. 1284—3⅜ in. **Ebony Handle,** Serpentine Pattern, Brass Lined, Double German Silver Bolsters; Two Blades, 1 Large Spear Point and 1 Pen, Half Polished.....$8.00

Per Dozen

No. 32111—3½ in. **Cocobolo Handle,** Equal End Jack Pattern, Brass Lined, Double German Silver Bolsters; Two Blades, 1 Large Spear Point and 1 Pen, Half Polished.....$8.50

Per Dozen

No. 42118—3⅝ in. **Stag Handle,** Shadow Pattern, Brass Lined; Two Blades, 1 Large Spear Point and 1 Pen, Half Polished.....$9.00

Senator Pattern, Brass Lined, Double German Silver Bolsters; Two Blades, 1 Spear Point and 1 Pen, Half Polished

Per Dozen

No. 42244 3½ in. Stag Handle.....$10.00
No. 72245—3½ in. Pearl Handle.....10.00

All Above, Half Dozen in a Cardboard Box

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Dating May 1, 1916

APPROXIMATE NET PRICES

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(Freight Second Class)

Pocket Knives

No.	22239....	$ 6.64
No.	3266....	9.44
No.	4267....	10.00
No.	1237....	9.44
No.	32161....	9.44
No.	1247....	10.00
No.	42176....	13.32

Kelley-How-Thomson Co. of Duluth

POCKET KNIVES

HICKORY AND NAPANOCH BRANDS

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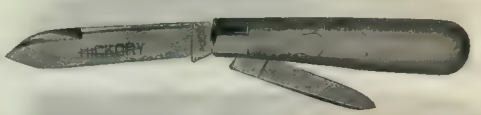
(Cuts Two-Thirds Size)

HICKORY



Per Dozen

No. 22239—3⅝ in. **Rosewood Handle,** Regular Jack Pattern, Brass Lined, Steel Bolster; Two Blades, 1 Large Saber and 1 Pen, Half Polished.....$6.00

Cut No. 3266

Per Dozen

Mackerel Pattern, Brass Lined, Double German Silver Bolsters; Two Blades, Spear and Pen, Half Polished

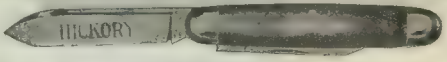
No. 3266—3¼ in. **Cocobolo** Handle.....$8.00
No. 4267—3¼ in. **Stag** Handle.....8.00

Per Dozen

No. 1237—2¾ in. **Ebony Handle,** Serpentine Jack Pattern, Brass Lined, German Silver Bolster and Cap; Two Blades, 1 Large Spear Point and 1 Pen, Half Polished.....$8.00

Per Dozen

No. 32161—3 in. **Cocobolo Handle,** Swell Center Jack Pattern, Brass Lined, German Silver Bolster; Two Blades, 1 Large Spear Point and 1 Pen, Half Polished.....$8.00



Per Dozen

No. 1247—3⅛ in. **Ebony Handle,** Equal End Jack Pattern, Brass Lined, Steel Bolster and Cap, Two Blades, 1 Large Spear Point and 1 Pen, Half Polished.....$8.00

Per Dozen

No. 42176—3⅝ in. **Stag Handle,** Serpentine Pattern, Brass Lined, German Silver Double Bolsters; Two Blades, 1 Large Spear Point and 1 Pen, Half Polished.....$12.00

All Above, Half Dozen in a Cardboard Box

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Kelley-How-Thomson Co. of Duluth

Dating May 1, 1916

POCKET KNIVES

HICKORY AND NAPANOCH BRANDS

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HICKORY — Highest Grade Crucible Steel Blades, Carefully Tempered Sharpened and Whetted, Ready for Use (Cuts Two-Thirds Size)

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight Second Class)

Pocket Knives

No. 43155....	$16.66
No. 4390....	16.66
No. 3320....	16.66
No. 4321....	17.44
No. 1370....	17.76
No. 12128....	13.33
No. 32121....	13.33

Per Dozen

No. 43155—2⅝ in. **Stag Handle**, Serpentine Pattern, Brass Lined, German Silver Bolster; Three Blades, 1 Wharncliffe, 1 Nail and 1 Pen, Half Polished.....$14.40

Per Dozen

No. 4390—3¼ in. **Stag Handle**, President Pattern, Brass Lined, Double German Silver Bolsters, Three Blades, 1 Spear Point, 1 Nail and 1 Pen, Half Polished.....$15.00

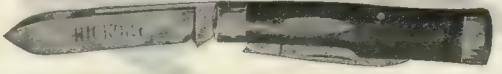
Per Dozen

No. 3320—3¼ in. **Cocobolo Handle**, Balloon Pattern, Brass Lined, Double German Silver Bolsters; Three Blades, 1 Spear Point and 2 Pens, Half Polished.....$15.00

No. 4321—3½ in. **Stag Handle**, Balloon Pattern, Brass Lined, Double German Silver Bolsters; Three Blades, 1 Spear Point and 2 Pens, Half Polished.....15.70

Per Dozen

No. 1370—3⅝ in. **Ebony Handle**, Mackerel Pattern, Brass Lined, Double German Silver Bolsters; Three Blades, 1 Large Clip Point, 1 Nail File and 1 Pen, Half Polished.....$16.00



Per Dozen

No. 12128—3¾ in. **Ebony Handle**, Gun Stock Pattern, Brass Lined, German Silver Bolster and Cap; Two Blades, 1 Large Spear Point and 1 Pen, Half Polished.....$12.00

Per Dozen

No. 32121—3⅝ in. **Cocobolo Handle**, Balloon Pattern, Brass Lined, German Silver Bolster and Cap; Two Blades, 1 Large Spear Point and 1 Pen, Half Polished.....$12.00

All Above, Half Dozen in a Cardboard Box

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Dating May 1, 1916

APPROXIMATE NET PRICES

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(Freight Second Class)

Pocket Knives

No. 13235....	$17.76
No. 42236....	16.54
No. 4262....	14.64
No. 43149....	21.03
No. 42150....	13.32

Kelley-How-Thomson Co. of Duluth

POCKET KNIVES

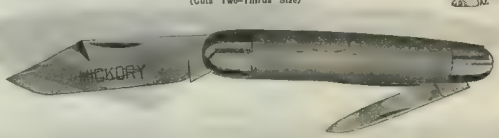
HICKORY AND NAPANOCH BRANDS

UNCONDITIONALLY GUARANTEED

Highest Grade Crucible Steel Blades, Carefully Tempered

Sharpened and Whetted, Ready for Use

(Cuts Two-Thirds Size)



Per Dozen

No. 13235—3¾ in. **Ebony Handle,** Mackerel Pattern, Brass Lined, Double German Silver Bolsters; Three Blades, 1 Large Saber Clip, 1 Small Clip and 1 Pen, Half Polished.....$16.00

Per Dozen

No. 42236—4½ in. **Stag Handle,** Mackerel Pattern, Brass Lined, German Silver Bolster and Cap; Two Blades, 1 Large Clip and 1 Pen, Half Polished.....$13.00

Per Dozen

No. 4262—4 in. **Stag Handle,** Serpentine Pattern, Brass Lined, Double German Silver Bolsters; Two Blades, 1 Large Clip and 1 Spaying, Half Polished.....$14.40

Per Dozen

No. 43149—4 in. **Stag Handle,** Mackerel Pattern, Spring Back, Brass Lined, Double [illegible] r Bolsters; Three Blades, 1 Extra Heavy Clip and 2 Pens, Half Polished.....$28.00

Per Dozen

No. 42150—3¾ in. **Stag Handle,** Wharncliffe Pattern, Brass Lined, Double German Silver Bolsters; Two Blades, 1 Wharncliffe and 1 Pen, Half Polished.....$13.00

All Above, Half Dozen in a Cardboard Box

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Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight Second Class)

Pocket Knives	
No. 1268....	$12.22
No. 1238....	11.10
No. 1231....	12.22
No. 1236....	10.00
No. 1249....	11.10
No. 12131....	8.88
No. 32123....	8.88
No. 32130....	8.88
No. 1235....	13.33
No. 42200....	13.33

Kelley-How-Thomson Co. of Duluth

POCKET KNIVES

HICKORY AND NAPANOCH BRANDS

UNCONDITIONALLY GUARANTEED

Highest Grade Crucible Steel Blades, Carefully Tempered

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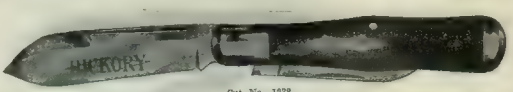
(Cuts Two-Thirds Size)

HICKORY



Cut No. 1238

Per Dozen

No. 1268—3⅛ in. **Ebony Handle,** Balloon Pattern, Brass Lined, German Silver Bolster and Cap; Two Blades, 1 Large Spear Point and 1 Pen, Half Polished.....$10.00

No. 1238—3⅛ in. **Ebony Handle,** Balloon Pattern, Steel Lined, Steel Bolster and Cap; Two Blades, 1 Extra Heavy Saber and 1 Pen, Half Polished..... 10.00

Cut No. 1249

Per Dozen

No. 1231 3⅛ in. **Ebony Handle,** Balloon Pattern, Brass Lined, German Silver Bolster; Two Blades, 1 Large Extra Heavy Spear Point and 1 Pen, Half Polished..... $11.00

No. 1236—3⅛ in. **Ebony Handle,** Balloon Pattern, Steel Lined, Steel Bolster; Two Blades, 1 Large Spear Point and 1 Pen, Half Polished..... 9.00

No. 1249 3⅛ in. **Ebony Handle,** Balloon Pattern, Brass Lined, German Silver Bolster; Two Blades, 1 Large Extra Heavy Spear Point and 1 Pen, Half Polished..... 10.00

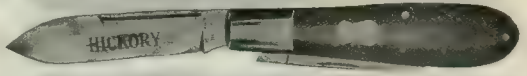
Cut No. 32130

Per Dozen

No. 12131—3½ in. **Ebony Handle,** Swell End Jack Pattern, Brass Lined, German Silver Bolster; Two Blades, 1 Large Spear Point and 1 Pen, Half Polished..... $8.00

No. 32123 3½ in. **Cocobolo Handle,** Swell End Jack Pattern, Brass Lined, German Silver Bolster; Two Blades, 1 Large Spear Point and 1 Pen, Half Polished..... 8.00

No. 32130—3½ in. **Cocobolo Handle,** Swell End Jack Pattern, Steel Lined, German Silver Bolster; Two Blades, 1 Large Clip and 1 Pen, Half Polished..... 8.00



Per Dozen

No. 1235—3¾ in. **Ebony Handle,** Swell End Jack Pattern, Brass Lined, German Silver Bolster; Two Blades, 1 Large Extra Heavy Spear Point and 1 Pen, Half Polished..... $12.00

Per Dozen

No. 42200 3½ in. **Stag Handle,** Serpentine Pattern, Brass Lined, German Silver Bolster and Cap; Two Blades, 1 Large Spear Point and 1 Pen, Half Polished..... $12.00

All Above Half Dozen in a Cardboard Box

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Kelley-How-Thomson Co. of Duluth

POCKET KNIVES

HICKORY AND NAPANOCH BRANDS

HICKORY

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Highest Grade Crucible Steel Blades, Carefully Tempered
Sharpened and Whetted, Ready for Use
(Cuts Two-Thirds Size)

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

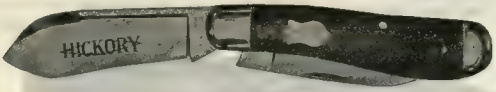
(Freight Second Class)

Pocket Knives

No. 42132....	$13.33
No. 12133....	12.78
No. 12202....	11.10
No. 42201....	13.33
No. 1293....	13.33
No. 4292....	15.55
No. 4226....	13.33
No. 42148....	14.44

No. 42132—3½ in. **Stag Handle,** Serpentine Pattern, Brass Lined, German Silver Bolster and Cap; Two Blades, 1 Large Spear Point and 1 Pen, Half Polished..... Per Dozen $11.00

No. 12133—3½ in. **Ebony Handle,** Balloon Pattern, Brass Lined, German Silver Bolster and Cap; Two Blades, 1 Spear and 1 Pen, Half Polished..... Per Dozen $11.50



Cut No. 1293

Serpentine Jack Pattern, Brass Lined, German Silver Bolster and Cap; Two Blades, 1 Large Spear Point and Pen, Half Polished

Per Dozen

No. 12202—3¼ in. **Ebony Handle**..... $11 00
No. 42201—3½ in. **Stag Handle**..... 12 00
No. 1293 —3¾ in. **Ebony Handle**..... 12.00
No. 4292 —3⅞ in. **Stag Handle**..... 15.00

No. 4226—3½ in. **Stag Handle,** Cotton Pattern, Brass Lined, German Silver Bolster and Cap; Two Blades, 1 Spear Point and 1 Pen, Half Polished..... Per Dozen $12.00

No. 42148—3¾ in. **Stag Handle,** Balloon Pattern, Brass Lined, German Silver Bolster and Cap; Two Blades, 1 Extra Heavy Saber and 1 Pen, Half Polished..... Per Dozen $13.00

All Above, Half Dozen in a Cardboard Box

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Dating May 1, 1916

APPROXIMATE NET PRICES

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(Freight Second Class)

Pocket Knives

No. 42165	$10.00
No. 4446	17.76
No. 1377	15.96
No. 12217	14.44
No. 43189	19.98
No. 33212	16.66
No. 44117	17.76

Kelley-How-Thomson Co. of Duluth

POCKET KNIVES

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Highest Grade Crucible Steel Blades, Carefully Tempered

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(Cuts Two-Thirds Size)

HICKORY

Per Dozen

No. 42165—2⅝ in. **Stag Handle,** Candle Pattern, German Silver Lined, Double German Silver Bolsters; Two Blades, 1 Spear Point and 1 Pen, Half Polished.....$9.00

Per Dozen

No. 4446—3¼ in. **Stag Handle,** Senator Pattern, Brass Lined, Double German Silver Bolsters; Four Blades, 1 Spear Point, 1 Nail and 2 Pens, Half Polished.....$15.30

Per Dozen

No. 1377—3⅝ in. **Ebony Handle,** Balloon Pattern, Brass Lined, Double German Silver Bolsters; Three Blades, 1 Large Spear Point and 2 Pens, Half Polished.....$14.40

Cut No. 12217

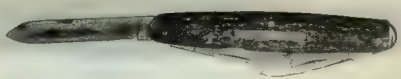
Per Dozen

No. 12217—4 in. **Ebony Handle,** Canoe Pattern, Brass Lined, Double German Silver Bolsters; Two Blades, 1 Large Spear Point and 1 Large Clip, Half Polished.....$12.00

No. 43189—4 in. **Stag Handle,** Canoe Pattern, Brass Lined, Double German Silver Bolsters; Three Blades, 1 Large Clip, 1 Sheep Foot and 1 Pen, Half Polished.....18.00

Per Dozen

No. 33212—3⅝ in. **Cocobolo Handle,** Candle Pattern, Brass Lined, Double German Silver Bolsters; Three Blades, 1 Large Spear Point and 2 Pens, Half Polished.....$15.00



Per Dozen

No. 44117—3¼ in. **Stag Handle,** Senator Pattern, Brass Lined, Double German Silver Bolsters; Four Blades, 1 Spear Point, 1 Nail and 2 Pens, Half Polished.....$16.00

All Above, Half Dozen in a Cardboard Box

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Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight Second Class)

Pocket Knives

No.	42164....	$ 8.88
No.	4281....	9.44
No.	1288....	9.44
No.	32215....	10.22
No.	42213....	10.22
No.	1219....	11.10
No.	3241....	11.10
No.	4242....	12.22

Kelley-How-Thomson Co. of Duluth

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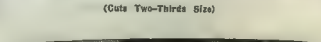
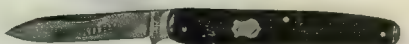
HICKORY



Per Dozen

No. 42164—2¾ in. **Stag Handle**, Candle Pattern, German Silver Lined; Two Blades, 1 Spear Point and 1 Pen, Half Polished....$8.00



Per Dozen

No. 4281—3 in. **Stag Handle**, Serpentine Pen Pattern, Brass Lined, Double German Silver Bolsters; Two Blades, 1 Large Spear Point and 1 Pen, Half Polished....$8.00

Per Dozen

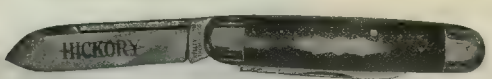
No. 1288—3⅜ in. **Ebony Handle**, Candle Pattern, Brass Lined, Double German Silver Bolsters; Two Blades, 1 Spear Point and 1 Pen, Half Polished....$8.00

Per Dozen

No. 32215—3⅞ in. **Cocobolo Handle**, Swell Center Jack Pattern, Brass Lined, Double German Silver Bolsters; Two Blades, 1 Spear Point and 1 Pen, Half Polished....$11.00

Per Dozen

No. 42213—3¼ in. **Stag Handle**, Serpentine Pattern, Brass Lined, German Silver Bolster and Cap; Two Blades, 1 Large Clip and 1 Pen, Half Polished....$12.00



Cut No. 1219

Equal End Jack Pattern, Brass Lined, German Silver Bolster and Cap; Two Blades, 1 Large Spear Point and 1 Pen, Half Polished

	Per Dozen
No. 1219—3¾ in. Ebony Handle	$ 9.50
No. 3241—3¾ in. Cocobolo Handle	9.50
No. 4242—3¾ in. Stag Handle	10.00

All Above, Half Dozen in a Cardboard Box

As we handle both the HICKORY and NAPANOCH Brands under the same number, SPECIFY BRAND WANTED

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

Kelley-How-Thomson Co. of Duluth

POCKET KNIVES

HICKORY AND NAPANOCH BRANDS

UNCONDITIONALLY GUARANTEED

HICKORY — Highest Grade Crucible Steel Blades, Carefully Tempered, Sharpened and Whetted, Ready for Use

(Cuts Two-Thirds Size)

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight Second Class)

Pocket Knives

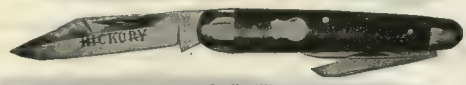
No. 1229	$13.32
No. 13152	17.76
No. 1394	17.76
No. 4395	18.88
No. 4396	17.76
No. 33142	19.98

Per Dozen

No. 1229—3⅝ in. Ebony Handle, Serpentine Pattern, Brass Lined, German Silver Bolster and Cap; Two Blades, 1 Large Clip and 1 Pen, Half Polished.....$12.00

Per Dozen

No. 13152—3½ in. Ebony Handle, Serpentine Pattern, Brass Lined, Double German Silver Bolsters; Three Blades, 1 Large Clip, 1 Sheep Foot and 1 Spaying, Half Polished.....$16.00



Cut No. 1394

Mackerel Pattern, Brass Lined, Double German Silver Bolsters; Three Blades, 1 Large Extra Heavy Clip and 2 Pens, Half Polished

Per Dozen

No. 1394—3½ in. Ebony Handle.....$16.00
No. 4395—3½ in. Stag Handle.....16.00

Per Dozen

No. 4396—3⅝ in. Stag Handle, Balloon Pattern, Brass Lined, Double German Silver Bolsters; Three Blades, 1 Large Clip, 1 Small Clip and 1 Pen, Half Polished.....$16.00

Per Dozen

No. 33142—3⅝ in. Cocobolo Handle, Gun Stock Pattern, Brass Lined, Double German Silver Bolsters; Three Blades, 1 Large Spear Point, 1 Spaying and 1 Pen, Half Polished.....$18 00

All Above, Half Dozen in a Cardboard Box

As we handle both the HICKORY and NAPANOCH Brands under the same number, SPECIFY BRAND WANTED

NOTICE.
Net Prices Apply—For 100, Dozen, Gross, Case, Each as Weight, as shown by List on Page.

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight Second Class)

Pocket Knives

No.	13172....	$17.76
No.	42136....	17.76
No.	3286....	13.32
No.	42129....	14.44
No.	32108....	13.32
No.	3279....	13.32
No.	4872....	17.76

Kelley-How-Thomson Co. of Duluth

POCKET KNIVES

HICKORY AND NAPANOCH BRANDS

UNCONDITIONALLY GUARANTEED

HICKORY — Highest Grade Crucible Steel Blades, Carefully Tempered

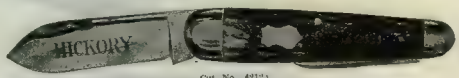
Sharpened and Whetted, Ready for Use

(Cuts Two-Thirds Size)

Cut No. 13172

Mackerel Pattern, Brass Lined, Double German Silver Bolsters; Three Blades, 1 Extra Heavy Spear Point and 2 Pens, Half Polished — Per Dozen

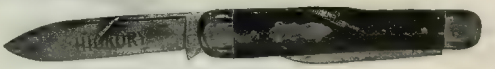
No. 13172—3⅝ in. **Ebony Handle** $16.00
No. 42136—3⅝ in. **Stag Handle** 16.00



Cut No. 42129

Mackerel Pattern, Brass Lined, Double German Silver Bolsters; Two Blades, Extra Heavy Spear Point and 1 Pen, Half Polished — Per Dozen

No. 3286—3½ in. **Cocobolo Handle** $11.50
No. 42129—3½ in. **Stag Handle** 12.00



Per Dozen

No. 32108—3¾ in. **Cocobolo Handle**, Serpentine Pattern, Brass Lined, Double German Silver Bolsters; Two Blades, 1 Spear Point and 1 Pen, Half Polished $12.00

Per Dozen

No. 3279—3¾ in. **Cocobolo Handle**, Mackerel Pattern, Brass Lined, Double German Silver Bolsters; Two Blades, 1 Large Clip and 1 Pen, Half Polished $13.00

Per Dozen

No. 4872—3¾ in. **Stag Handle**, Anglo-Saxon Pattern, Brass Lined, Double German Silver Bolsters; Three Blades, 1 Large Clip, 1 Sheep Foot and 1 Pen, Half Polished $16.00

All Above, Half Dozen in a Cardboard Box

NOTICE. Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

As we handle both the HICKORY and NAPANOCH Brands under the same number, SPECIFY BRAND WANTED

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight Second Class)

American

No. 6	$22.20
No. 8	23.88
No. 10	25.54
No. 15	28.86
No. 15	25.52
No. 60	29.98
No. 80	31.64
No. 100	34.42

(Freight Fourth Class)

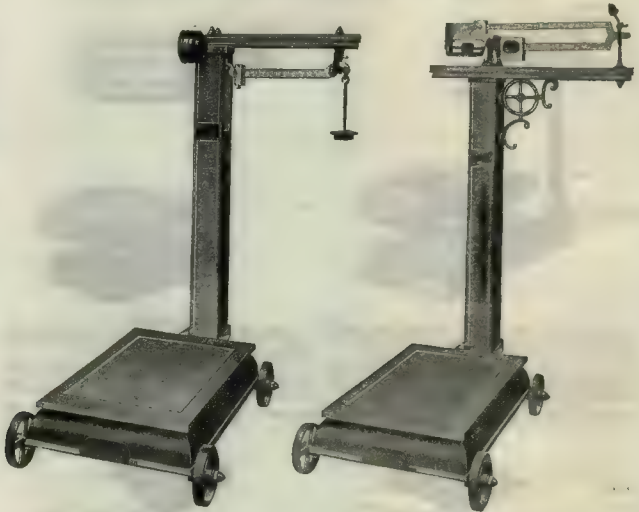
Scale Weights

50 lb.	$0.68
100 lb.	.78
200 lb.	1.00
300 lb.	1.22

PORTABLE PLATFORM SCALES

Will Pass State Inspection

Adapted to the Weighing of General Merchandise in all Commercial and Manufacturing Business Houses



AMERICAN STANDARD
With Single Beam

Heavy Cast Iron Frame, fitted with Seasoned Hardwood Platform; Heavy Cast Iron Wheels, Full Length Steel Axles; Seasoned Hardwood Pillar and Cap, Highly Polished Brass Beam, with Roll Brass Round Sliding Poise, Thumb Screw Fastening; Pivots and Bearings made of the Very Best Tool Steel, Carefully Hardened; Cast Iron Weights; All Iron Parts Enameled Black; Wooden Parts Finished in Vermilion.

Nos.	Capacity, Lbs.	Beam Graduated	Size of Platform, In.	Weight Lbs.	Each
6	600	50x¼ Lbs.	16x25	155	$18.00
8	800	50x¼ Lbs.	16x26	160	20.00
10	1000	100x½ Lbs.	17x26	164	22.00
12	1250	100x½ Lbs.	18x26	175	27.50
15	1500	100x½ Lbs.	19x28	197	32.00

AMERICAN STANDARD
With Weightless Beam

This Scale has the distinct advantage of having the beam on the top of the cap, instead of under it, making it much easier to see and operate. No loose weights of any kind; The weighing is done on the beam with the sliding poises.

The Upper Bar is marked in ¼ pound marks to 100 pounds; The Lower is graduated and notched in 100 pound notches to the full capacity of the scale. Heavy Cast Iron Frame, fitted with Seasoned Hardwood Platform, Heavy Cast Iron Wheels, Full Length Steel Axles, Seasoned Hardwood Pillar and Cap; Highly Polished Brass Beams and Poises; Pivots and Bearings made of the Very Best Tool Steel, Carefully Hardened; All Iron Parts Enameled Black, Wooden Parts Finish in Vermilion.

Nos.	Capacity, Lbs.	Size Platform, In.	Weight, Lbs.	Each
60	600	16x25	165	$24.00
80	800	16x26	170	26.50
100	1000	17x26	175	29.00

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

SCALE WEIGHTS

For Portable Platform Scales

Size, Lbs.	50	100	200	300
Each	$0.80	.30	.45	.60

Packed Loose

Dating May 1, 1916

COUNTER SCALES

Will Pass State Inspection

GROCERY AND HARDWARE

APPROXIMATE NET PRICES

Subject to Change Without Notice

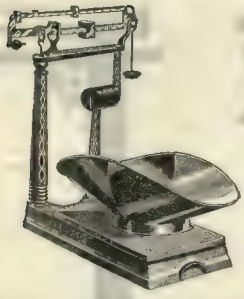
(Freight First Class)

Empire
No. 2870.....$31.84

Manhattan
No. 2970.....$32.20

Reliance
No. 450.....$10.00
No. 450DB... 11.66

Empire
No. 434R..... $8.00
No. 434RDB.. 8.88



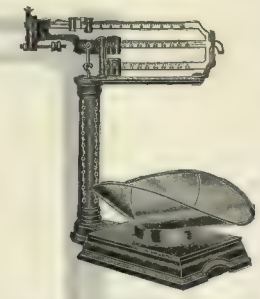
EMPIRE

Heavy Cast Iron Frame, Pillar, Platform, Levers and Weights; Nickel Plated Double Brass Beam, with Sliding Poises and Brass Scoop. All Pivots and Bearings are of the Best Tempered Steel. Enameled in Vermilion with Gold Strips.

The full capacity is 250 pounds. The capacity of the beam is 60 pounds. Each bar is marked both sides, the lower bar in ½ pound marks to 50 pounds and the upper bar in ounce marks to 11 pounds. The beam is notched, insuring great accuracy in weighing. Loose weights complete the capacity of the scale.

Each

No. 2870—250 Lbs. x 1 Oz.; Platform 12x15 in.....$25.00
One in a Box, Shipping Weight 75 Lbs.



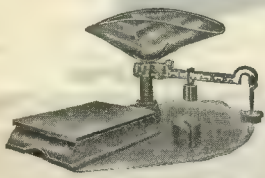
MANHATTAN

Heavy Cast Iron Frame, Platform, Pillar and Cap; Full Capacity Triple, Brass Beam, and Brass Sliding Poises. Brass Scoop. All Pivots and Bearings are of the Best Tempered Steel. Enameled in Vermilion with Gold Strips.

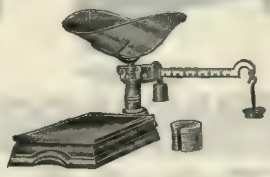
The full capacity is 100 pounds. The Lower Bar is marked both sides in ½-pound marks to 60 pounds; The Middle Bar is marked both sides in ½ pound marks to 50 pounds; The Upper Bar is marked both sides in 1-ounce marks to 10 pounds; Scoop Balanced by small poise on the left end of the beam.

Each

No. 2970—110 Lbs. x 1 Oz.; Platform 10½x13½ in.....$25.00
One in a Box, Shipping Weight 75 Lbs.



Cut Shows No. 450 Single Beam



Cut Shows No. 434R Single Beam

RELIANCE

Heavy Cast Iron Frame, Checked Platform and Pillar; Heavy Polished Brass Beams; Tempered Steel Knife Bearings; Cast Iron Weights and Hanging Poises. Heavy Polished Brass Scoop. Finely Finished in Vermilion, with Gold Strips.

Each

No. 450—**Single Beam**; Capacity 240 Lbs. x ½ Oz.....$8.80
One in a Box, Shipping Weight 48 Lbs.

No. 450DB—**Double Beam**; Capacity 240 Lbs. x ½ Oz..... 9.60
One in a Box; Shipping Weight 49 Lbs.

EMPIRE

Heavy Cast Iron Frame, Platform and Pillar; Polished Brass Beams; Heavy Tin Scoop; Cast Iron Weights and Hanging Poises. Iron Painted in Vermilion and Gold Striped.

Each

No. 434R—**Single Beam**; Capacity 240 Lbs. x ½ Oz.....$8 80
One in a Box; Shipping Weight 47 Lbs.

No. 434RDB—**Double Beam**; Capacity 240 Lbs. x ½ Oz.... 6.80
One in a Box; Shipping Weight 48 Lbs.

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

Kelley-How-Thomson Co. of Duluth

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight First Class)

Washing Machines
Water Motor
Irwin Springless $26.64
Capitol 23.88
Success 23.32
National 26.64

Portland 22.20

WASHING MACHINES

WATER MOTOR WASHERS

IRWIN SPRINGLESS

This Motor Washer depends solely on 30 Lbs. or more Water Pressure for Shaking the Valves. Motor made entirely of Brass, having a Special Design of Piston equipped with Irwin Water Valves. The Valves cannot be rammed or injured, they have no dead center. There is nothing to break or replace and the motor will operate indefinitely just as long as you feed it water.

Each

Irwin Springless—Tub is made of Louisiana Gulf Cypress, finished in Natural Color; Castings are made from the Best Grade of Grey Iron, Malleable Iron and Steel, and such castings that come in contact with the water are heavily galvanized to prevent rusting; Dimensions: Bottom, 24¾ in. in Diameter; Top, 21 in. in Diameter; Staves, 14⅝ in., with 14⅝ in. Wringer Board.....$23.00

Weight, Crated, About 80 Lbs.

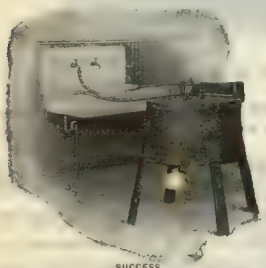
CAPITOL

The Capitol Water Motor Washer is adapted for service where the Water Pressure is 20 Lbs. or over. Motor is made of a Solid Brass Casting, constructed with but One Valve; The Piston is made of a Double Hydraulic Leather Cup. Every Part is carefully machined and tested.

Each

Capitol—Family Size, Large Louisiana Red Cypress Tub, Corrugated Inside; Improved Wringer Board; Galvanized Iron Inside Parts; Equipped with Safety Dasher. The finest as well as the coarsest fabrics can be wash without injury.....$22.00

Weight, Crated, About 75 Lbs.



SUCCESS

Will Do a Washing Successfully on a 20 Lb. Water Pressure, and Can Be Operated on a 10 Lb. Pressure

Success Motors are Simple in Design of Working Parts, having no Complicated Parts or Mechanism, which Insures their Successful Operation on either a High or Low Water Pressure. Made from the Best Steam Brass Composition, with Valve Arrangement such that the Valves are in Perfect Alignment, which Insures Perfect Valve Action at all times. Motors have only Two Springs, made from the Best Phosphor Bronze Spring Wire and are arranged in Spring Cups which gives the use of the whole spring in compression and practically does away with breaking of springs. All Parts are Interchangeable.

Each

Success—Tub is large, substantial and symmetrically built of the very best Louisiana Gulf Cypress and with reasonably good care, will last for many years.....$20.00

Weight, Crated, About 80 Lbs.

NATIONAL

Operated by Water Pressure of 20 Pounds or More

The National Motor is not an Experiment but has been in Successful use for Seven Years. It is Built Like a Pump, having but few working parts and these are very simple and do not require any nice adjustments; Has no exposed working parts to be injured or tampered with, and has only one stuffing Box, which is Easily Accessible.

No Coil Spring to cause trouble; Only four working parts in the Cylinder, Has No Dead Center, Motor will start from any position. Brass Cylinder, Encased in a Galvanized Iron Casting which Protects it from Injury.

Each

National—Tub is Made of Louisiana Gulf Cypress, finished in Natural Color; Galvanized Iron Castings; Dimensions, Bottom, 20¼ in. in Diameter; Top, 25½ in. in Diameter; Staves, 15⅝ in.....$25.00

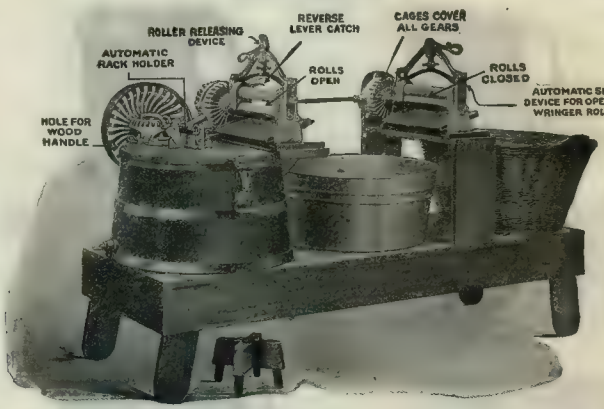
Weight, Crated, About 70 Lbs.

NOTICE.

Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

Kelley-How-Thomson Co. of Duluth

WASHING MACHINES



MUSKEGON POWER BENCH WASHER

Hitch Your Gasoline Engine to This Complete Washday Outfit; Do the Week's Washing in Minutes Instead of Hours; Save Your Strength and Appearance; Make Washday One of Your Most Easy Tasks

This Washer is the Evolution of Many Years of Experience in the Manufacture of Washing Machines for Household Use, and is the Very Highest Type Belt-driven Bench Washer Made. It Embodies All the Latest, Improved Mechanical Features that Promote Economy and Convenience, Dependability and Durability.

No Expert Knowledge is Required to Operate.

It Runs with the Precision, Smoothness and Silence of a Swiss watch.

Its Four Wing Wooden Dolly cannot catch or tear even the finest pieces of linen. It sends 320 gallons of hot suds through the clothes each minute, removing every particle of dirt, and cleanses more thoroughly than could be done by hand.

All Working Parts are Inclosed—Insuring Absolute Safety to Operator.

Fitted with Two Wringers—One for wringing as the wash comes out of machine, and the other for wringing after rinsing. Cages cover all wringer gears. Roller Releasing Device insures absolute safety to operator's hands. Automatic Spring Device for overcoming momentary overloads.

The power is transmitted through Bevel Cut Gears that make this High-Grade Machine spin as smoothly and silently as a top—no matter how heavy the load.

Machine does not jerk while in operation—there is no vibration.

There is a Metal Faucet for draining water from tub conveniently. Automatic Cover Lock—to prevent heat from escaping from tub. The Belt-wheel is fitted with a hole for Wooden Handle—for Hand Operation, if at any time gasoline engine does not work.

Machine is Equipped for Connection with Electric Motor as well as gasoline engine.

Tub is made of Louisiana Red Cypress, Non-Absorbent and Perfectly Sanitary; High Class Finish.

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

	Each
Muskegon Power Bench Washer—Bench, Two Wringers and Tub Complete	$50.00

Shipping Weight 262 Lbs. Each

CROSS CUT SAWS

E. C. ATKINS & CO.

No. 1—Rex

4½ Ft.	$ 5.20
5 Ft.	5.94
5½ Ft.	6.84
6 Ft.	8.08
6½ Ft.	9.24
7 Ft.	10.56

No. 4—Perfection

5 Ft.	$5.94
5½ Ft.	6.94
6 Ft.	8.08
6½ Ft.	9.24

No. 6—Hemlock King

4½ Ft.	$5.20
5 Ft.	5.94
5½ Ft.	6.94
6 Ft.	8.08
6½ Ft.	9.24

No. 225—Victor

4½ Ft.	$4.04
5 Ft.	4.48
5½ Ft.	4.94
6 Ft.	5.38
6½ Ft.	5.84
7 Ft.	6.48

No. 330—Tuttle Tooth

4½ Ft.	$3.04
5 Ft.	3.38
5½ Ft.	3.70
6 Ft.	4.02
6½ Ft.	4.38
7 Ft.	4.74

No. 331—Tuttle Tooth

4½ Ft.	$3.26
5 Ft.	3.64
5½ Ft.	4.02
6 Ft.	4.38
6½ Ft.	4.74
7 Ft.	5.12

No. 332—Tuttle Tooth

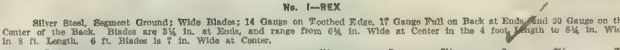
4½ Ft.	$3.98
5 Ft.	4.34
5½ Ft.	4.74
6 Ft.	5.08
6½ Ft.	5.44
7 Ft.	5.80

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

No. 1—REX

Silver Steel, Segment Ground; Wide Blades; 14 Gauge on Toothed Edge, 17 Gauge Full on Back at Ends, and 20 Gauge on the Center of the Back. Blades are 3¼ in. at Ends, and range from 6¼ in. Wide at Center in the 4 foot Length to 8¼ in. Wide in 8 ft. Length. 6 ft. Blades is 7 in. Wide at Center.

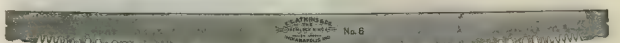
Length, Feet	4½	5	5½	6	6½	7
Weight Each, Lbs.	4.	4.8	5.60	6.8	7.68	8.04
Each, Without Handles	$3.60	4.10	4.80	5.60	6.40	7.30



No. 4—PERFECTION

Silver Steel, Segment Ground; 14 Gauge on Toothed Edge, 17 Gauge on Back at Ends, and 20 Gauge on the Center of the Back. Blades are 3 in. at Ends, and 6 in. Wide at Center

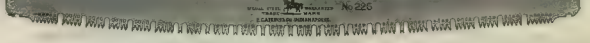
Length, Feet	5	5½	6	6½
Weight Each, Lbs.	4 6	5 80	6 8	7 68
Each, Without Handles	$4.10	4.80	5.60	6.40



No. 6—HEMLOCK KING

Silver Steel, Segment Ground; 14 Gauge on Toothed Edge, 17 Gauge on the Back at Ends; and 20 Gauge at Center of Back

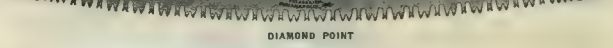
Length, Feet	4½	5	5½	6	6 a
Weight Each, Lbs.	4.2	4.46	5.	5.6	7.85
Each, Without Handles	$3.60	4.10	4.80	5.60	6.40



No. 225—"VICTOR" CANADA'S FAVORITE

Special Steel; Perforated Tooth, 14 Gauge on Toothed Edge; 18 Gauge on Back Edge

Length, Feet	4½	5	5½	6	6½	7
Weight Each, Lbs.	2.91	4.55	5.52	6.64	7.52	7.81
Each, Without Handles	$3.88	3.20	3.52	3.84	4.16	4.48



DIAMOND POINT

Special Steel, Thin Back Tuttle Tooth

Length, Feet	4½	5	5½	6	6½	7
Weight Each, Lbs.	4.8	4.98	5.97	6.64	7.68	8.42
No. 330—14x18 Gauge	Each, Without Handle $2.16	2.40	2.64	2.88	3.12	3.36
No. 331—14x18 Gauge	Each, Without Handle 2.34	2.60	2.86	3 12	3.38	3.64
No. 332—14x19 Gauge	Each, Without Handle 2.84	3.10	3.36	3.62	3.88	4.15

Kelley-How-Thomson Co. of Duluth

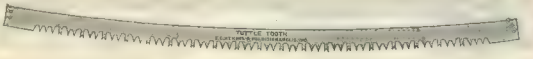
CROSS CUT SAWS

E. C. ATKINS & CO.

No. 336—FEATHER EDGE, THIN-BACK

Atkins Special Steel; 14 Gauge on Tooth Edge, 18 Gauge on Back Edge

Length, Feet	4	4½	5	5½
Weight Each, Lbs	3 56	4 3	4.98	5.97
Each, Without Handles	$2.09	2.34	2.60	2.86



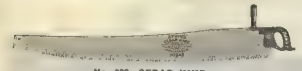
No. 379—HOLLOW BACK TUTTLE TOOTH

Atkins Special Steel, Carefully Tempered, ¾ Inches Wide at Ends and Center in All Lengths

Length, Feet	4½	5	5½	6	6½
Weight Each, Lbs	3 04	3.4	3.74	4	4 27
Each, Without Handles	$1 17	1.30	1.43	1.56	1.69

ONE-MAN SAWS

E. C. Atkins & Co.



No. 389—CEDAR KING

Atkins High Grade Special Steel; Skew Back; The Toothed Edge Is of Fine Thi kness but the Blade Gradually Tapers Towards the Point on the Back. Easy Grip Handle.

Length, Feet	3	3½	4	4½	5
Weight Each Lbs	1 99	2.58	3.85	4.65	7.25
Each	$2.10	2.45	2.80	3 15	3 50

No. 388—TUTTLE TOOTH
Straight Back

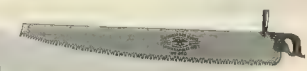
Special Crucible Steel, Exceedingly Hard Tough Temper; Carefully Ground to Uniform Thickness. Selected Air-Dried Beech Handles.

Length, Feet	3	3½	4	4½	5	5½
Weight Each, Lbs	2.42	2 87	3.61	4 39	5 14	5 85
Each	$1.68	1 96	2.24	2 52	2.80	3.08

No. 392—VICTOR TOOTH
Straight Back

Special Crucible Steel, Exceeding.y Hard Tough Temper; Carefully Ground to Uniform Thickness; Selected Air-Dried Beech Handles.

Length, Feet	3½	4	4½	5
Weight Each, Lbs	2.87	3.71	4.33	5.13
Each	$2.24	2.56	2.88	3.20



No. 490—SHEFFIELD TUTTLE TOOTH

Special Steel, Straight Back; Selected Beech Handles

Length, Feet	3	3½	4
Weight Each, Lbs	2.42	2.87	3.51
Each	$1.62	1.89	2.16

No. 741—TAMARACK

Atkins High Grade Silver Steel; Extra Heavy Gauge, Taper Ground, Lance Tooth Perforated; Perfection Shape Rakers; Extra Large Hand Hold, for use with heavy gloves

Length, Feet	3	3½	4	4½	5
Weight Each, Lbs	4	4½	5½	6¾	7
Each	$3.90	5.00	4.00	4.50	5.00

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight Second Class)

No. 336—Feather Edge

4	Ft. $2.94
4½	Ft. 3.26
5	Ft. 3.64
5½	Ft. 4.02

No. 379—Hollow Back

4½	Ft $1 64
5	Ft. 1.82
5½	Ft. 2.02
6	Ft. 2 20
6½	Ft. 2.36

No. 389—Cedar King

3	Ft. $2.96
3½	Ft. 3.44
4	Ft. 3.94
4½	Ft. 4 42
5	Ft 4.88

No. 390—Tuttle Tooth

3	Ft. $2.36
3½	Ft. 2.76
4	Ft 3 14
4½	Ft. 3.51
5	Ft. 3.94
5½	Ft. 4.34

No. 392—Victor

3½	Ft. $2.76
4	Ft. 3.14
4½	Ft. 3.54
5	Ft. 3.94

No. 490—Sheffield Tuttle Tooth

3	Ft. $2.20
3½	Ft. 2.56
4	Ft. 2.94

No. 741—Tamarack

3	Ft. $4 20
3½	Ft. 4.88
4	Ft. 5.60
4½	Ft. 6.30
5	Ft. 7.00

NOTICE.

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Dating May 1, 1916

APPROXIMATE NET PRICES

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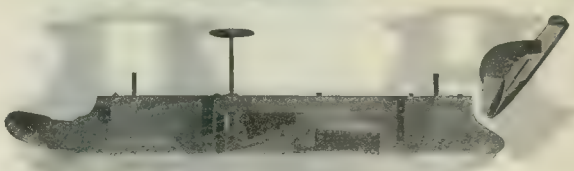
(Freight Third Class)

Badger Snow Rutter $188.70
Snow Plow 444.00

Kelley-How-Thomson Co. of Duluth

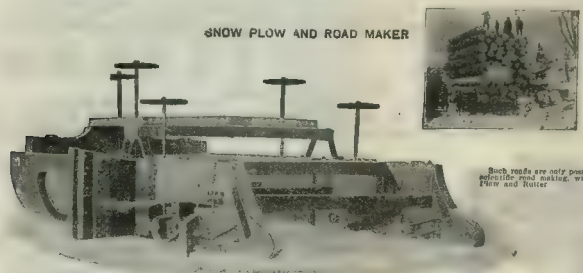
BADGER ROAD RUTTER



We furnish one right and one left hand runner of the following dimensions: Length over all, 14 ft., 20 in. deep by 5 in. thick. This Rutter is the result of years of experience in this line of manufacture, is by far the best machine made today and is sold under a strong guarantee. It will be noticed that knives are of the "Scoop pattern," and made extra heavy: shank being of 5x1 in. steel, with heavy tool steel cutting edge and so attached to runner that they can be taken out when dull and redressed by the blacksmith. Will cut a rut about 8 in. wide and 6 in. deep if wanted, but 3 in. depth is regular. Knife is attached to runner at a low angle, and ice and snow will not clog, but pass through easily and be carried to the outside by heavy steel shield. The heavy wings inside and outside of each runner insure a clean track. It is a well known fact that any Rutter that has a knife extending below the runner will not make a clean rut, as there is no way of getting the loose ice out. To avoid this, the above machine was so constructed. It will be seen knife does not extend below the runner. The draft is from the front half of runner by heavy straps, one inside and one outside. Turning hand wheel to the right lets all of the Rutter from the knife to the back end of the runner down into the track crowding all ice and snow out and making a clean road. This construction makes this machine the lightest draft of any Rutter we know of.

	Per Pair
Badger Road Rutter, Weight About 1200 Lbs.	$85.00

SNOW PLOW AND ROAD MAKER



Such roads are only possible by scientific road making, with this Plow and Rutter

This Machine has a right and a left hand runner, each 14 ft. long, 28 in. deep and 5 in. thick. In the center is a Plow of the well known A or V pattern. Built of white oak, is extra heavy, well braced from behind, with heavy steel shoes drawn to a sharp cutting edge. The draft is by heavy cross chains direct to lead rod under pole but is not shown in cut. The center plow is adjustable and is raised or lowered, as desired by the heavy rods and hand wheels shown, there being three for this purpose, one in front and one at each rear corner of Plow. The other hand wheels shown are for operating Rutter Knives. The outside wings are adjustable, held at any angle desired, by the braces shown; and raised or lowered at outside by a rod on side of runner. These wings are ironed with heavy 6 in. steel as shown in cut. The Rutter is illustrated and described above.

This Plow is extra heavy and strong, designed for use not only as a snow plow, but also a grader for ice roads, and on any long haul the investment will soon be repaid.

In ordering, State Width of Track, Measuring from Center to Center of Runners. Can furnish from 5 to 8 ft., Weighing 2,000 to 2,500 Lbs.

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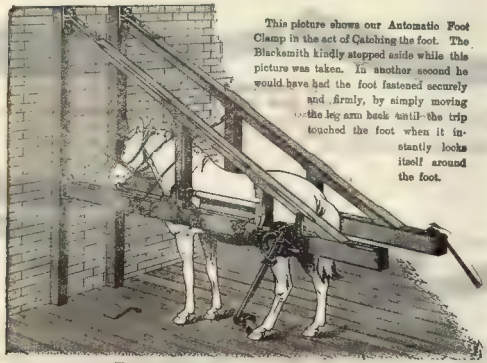
BARCUS HORSE STOCKS



This picture shows our Automatic Foot Clamp in the act of Catching the foot. The Blacksmith kindly stepped aside while this picture was taken. In another second he would have had the foot fastened securely and firmly, by simply moving the leg arm back until the trip touched the foot when it instantly locks itself around the foot.

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight Third Class)

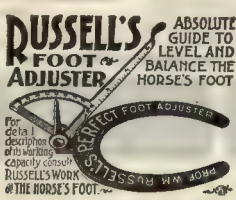
Horse
Barcus $144.30
Extra Leg Arm ... 14.40
Foot
Russells $6.66
F. O. B. Cincinnati, Ohio

We answer the following questions, which are often asked.

1. What is the Price of your Stocks complete? $65.00.
2. How long is the frame when in use? 10 feet.
3. Do they swing out of the way when not in use? Yes, both ways up against the wall.
4. What keeps the Stocks from swinging when in use? A Brace from rear end of frame to ceiling or floor. See cut.
5. How many Leg Arms go with every Machine? One only.
6. Do you advise using two Leg Arms? Yes, and some use more, although one is used very successfully.
7. What does an extra Leg Arm cost. $20.00.
8. Can you handle the hind foot as well as the front foot? Yes.
9. Is there danger of a horse getting hurt in the Stocks? No, the Veterinaries use them.
10. Do you give directions for setting up and using Stocks? Yes, very complete. Be sure to read them.
11. What is the Freight on the Stocks? Not very much, as they are billed out at 450 lbs., knocked down and third-class rate. See that you are not overcharged on freight.

For the Blacksmith who wants the most convenient, the easiest, the most simple and quickest way to fasten a horse firmly and safely from any possible danger to horse or man. In this progressive age he cannot afford to match his strength against the strength of a horse. Neither can he afford to place his life in jeopardy or be crippled or broken in health in the prime of life. Yet how many blacksmiths are received a number of letters from blacksmiths saying, "If I had had those stocks when I commenced running a shop I would be a much better broken down at 50. Hardly a week passes but we hear of one, either getting killed or crippled, while shoeing a vicious horse. We have reman than I am."

The Barcus Stock is the only machine ever made that does not use a strap or rope around the foot or ankle to hold it. It is the only stock made that you can lift the foot straight up as a blacksmith does by hand, then swing it backward or forward to get at the bottom or top. It is the only machine that holds the foot perfectly solid where you want it and does not skin or injure the ankle. A Girth 32 in. wide, prevents the animal from lying down.



Has a Brass Shoe-shaped Plate to which is Attached, at the Toe, the Quadrant of a Circle, by means of which Feet can be Accurately Leveled. Full Directions for Use Furnished with Each Leveler. Length of Plate 5⅝ in.; Width 4⅛ in. ..... Each $4.00

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APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight First Class)

20th Century
No. 1—Oil $2.22
No. 2—Gas .. 4.44

Solar
No. S—Gas....$5.00

Repairs for Solar
Tips Complete $0.44
Springs ..... .22
Lenses ..... .44

Stevens Imported
No. 8—Gas ...$1.90

Lava Tips $0.90

(Freight Third Class)
Calcium Carbide

No. 1—2 lb. Cans .....$	0.34
No. 1—5 lb. Cans	7.78
No. 2— 10 lb. Cans	1.44
No. 2—10 lb. Cans	8.34
No. 3—10 lb. Cans	1.44
No. 3—10 lb. Cans	8.34
No. 4—Quarter, ¼x1/12 in..	8.34
No. 5—Nut, 1¼x ⅛ in.	8.34
No. 6—Egg, 2x ½ in.	8.34
No. 7—Lump, 3½x2 in. .	8.34

Miners Carbide $7.78

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BICYCLE LAMPS

20TH CENTURY
For Oil

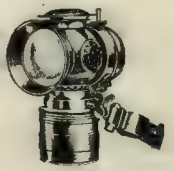
Each

No. 1—Brass and Sheet Steel, Full Nickel Plated; 5½ in. High; 2¾ in. Lens, with Spring Lens Catch; Colored Side Lights; Aluminum Reflector; Special Locking Device Prevents Wick from Jarring Down; Burns Kerosene; Capacity ¾ Pint; Ball Handle; Combination Head and Fork Brackets; Burns 12 Hours..$2.00
Weight, 13 Oz. Each

20TH CENTURY
Acetylene Gas

Each

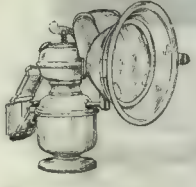
No. 2—Brass and Sheet Steel, Full Nickel Plated; 7 in. High; 2¾ in. Lens, with Spring Lens Catch; Large Jewel Side Lights; Lava Tip; Flat Flame; Capacity ¾ Pint and 3 Oz. Carbide; Light about 75 Candle Power; Will Burn from 4 to 6 Hours.....$3.00
Weight, 22 Oz. Each



SOLAR
Acetylene Gas

Each

No. S—Special Heavy Gauge Brass, Nickel Plated and Polished; 7 in. High, 2¾ in. Double Convex Lens, with Snap Lens Catch; Large Jewel Side Lights; Lava Tip; Flat Flame; Capacity ¾ Pint of Water and 3 Oz. of Carbide; Burns Six Hours.....$3.50



STEVENS' IMPORTED
Acetylene Gas

Water Tank and Carbide Chamber Nickel Plated Steel; 3 in. Aluminum Reflector; Brass Trimmings; Best Lava Tip; Plain Glass Front, with Lamp Bracket.

Each

No. 8—Height, 6½ in.; 4 in. Front; Carbide Capacity, 3 Oz.; Will Burn about Five Hours without Recharging $1.50

LAVA TIPS

For All Makes of Bicycle Gas Lamps. These Parts Burn Out in a Short While; Some Customers do Think their Lamp is Defective, when in Reality their Lamp Tip is Clogged up; it is well to carry a stock of them.

Per Dozen

Lava Tips—Weight, per Dozen, 1 Oz. $1.50
Open Stock

CALCIUM CARBIDE

For Searchlights, Bicycle and Automobile Lamps

Cans and Drums are Sealed with Air Tight Metal Covers and Given a Coating of Paraffine, Preventing any Deterioration by Exposure to Air

2 LB. CANS

Case Contains Two Dozen Cans

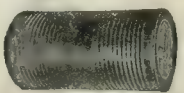
No. 1—⅛ in. Size, per Can.. .... $0.30
No. 1—½ in. Size, per Case.... .. 7.20

10 LB. CANS

Case Contains Half Dozen Cans

Per Can

No. ⅛ in. Size $1.00
No. 3—1 in. Size 1.90
Case Lots, per Case..... .... 6.00



STEEL DRUMS
Containing 100 Lbs.

Per Drum

No. 4—Quarter, Size ¼x1/12 in . $4.50
No. 5—Nut, Size 1¼x ⅜ in . 4.50
No. 6—Egg, Size 2 x ½ in.. . 4.50
No. 7—Lump, Size 3½x 2 in.... 4.50
Ton Lots, per Ton.....75.00

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight Double First Class

Perfection Fur Robes

No. 241.....	$26.64
No. 251.....	29.98
No. 341.....	25.32
No. 351.....	28 64
No 312.....	20.66
No. 322	24.64
No. 488	25.22
No. 491.....	28.64
No. 388.....	26.64
No. 391.....	29.98

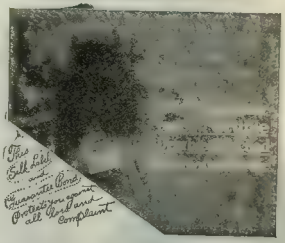
(Freight First Class)

Montana Buffalo Robes

No. 597.. ...	$17.22
No. 600.....	17.22
No. 591.....	16.10
No. 593.....	16.10

Kelley-How-Thomson Co. of Duluth

FUR ROBES



PERFECTION BRAND GUARANTEED FUR ROBES

The Robes are made from the Finest Material Obtainable and are Absolutely Guaranteed against Any Imperfection of Material or Workmanship. A **Guarantee Bond** is attached to Each Robe as shown above. The Fur Lining and Border of these Robes are now Sewed Together by a **New Lock Stitch Method**, which makes it almost impossible to become loose.

BLACK RUSSIAN CUB BEAR

	Each
No. 241—54x66 in.; Black Plush Lined, Black Border	$24 00
No. 251—60x70 in.; Black Plush Lined, Black Border	27 00

BLACK CUB BEAR

No. 341—54x66 in.; Green Velour Plush Lined, Green Border	22 80
No. 351—60x70 in.; Green Velour Plush Lined, Green Border	25.80

GRAY JAPANESE GOAT

No. 312—54x66 in.; Green Plush Lined, Green Border	18 60
No. 322—60x70 in.; Green Plush Lined, Green Border	1. 20

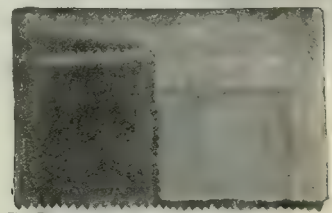
BROWN GRIZZLY BEAR

No. 488—54x66 in.; Green Velour Plush Lined, Green Border	22 80
No. 491—60x70 in.; Green Velour Plush Lined	25.80

BROWN RUSSIAN BEAR

No. 388—54x66 in.; Brown Velour Plush Lined, Brown Border	24 00
No. 391—60x70 in.; Brown Velour Plush Lined; Brown Border	27 00

MONTANA IMITATION BUFFALO ROBES



These Robes Have a Hair and Wool Face on a Heavy Back. They are Very Soft, Pliable and Strong. Astrophan Lined with a Heavy Rubber Cloth Interlining

BROWN

	Each
No. 597—54x72 in.; **Hickory Montana Buffalo**, Dark Brown Face	$15.50

BLACK

No. 600—54x72 in.; **Hickory Montana Buffalo**, Black Face	15 50

BROWN

No. 591—54x72 in.; **Montana Buffalo**, Dark Brown Face	14 50

BLACK

No 593—54x72 in.; **Montana Buffalo**, Black Face	14.50

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Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight First Class)

Black Mohair Coats
All Sizes $44.40

Baby Carriage Robes
No. 19.....$10.00
No. 29..... 11.10
No. 33..... 15.54

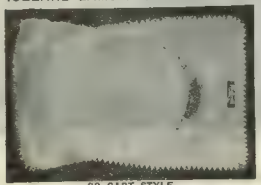
BLACK MOHAIR COATS

The material used in these Coats is a Selected Mohair Fleece which is fabricated by a Special Process and held fast in a strong pelt like back. A Heavy Rubber Interlining extends 18 in. from the collar down, making them Absolutely Windproof, Waterproof and Stormproof. At the armpits they are Strongly Reinforced with Leather making it almost impossible for the lining to wear out. Heavy Knitted Wristlets Prevent the Wind and Cold from Getting in Along the Arms. At the bottom are fastenings which enable the wearer to button the Coat Snugly about the Limbs when Driving, thus keeping out the cold.

Mohair Coats have great Strength and Wonderful Durability. Truck Drivers out in all sorts of inclement weather and engaged in handling heavy freight have worn these Coats through the entire season. At the end of the season beyond the signs of ordinary wear and tear, Coats were as good as ever. Wetting them does not make them peel like the ordinary dog skin coat. Mohair Coats are a remarkable imitation of real fur. They have all the beauty, will wear better and cost at least $15.00 or $20.00 less.

	Each
Sizes 42 in., 44 in., 48 in., 50 in., 52 in.....	$40.00

WHITE ICELAND LAMB BABY CARRIAGE ROBES



GO CART STYLE

With All Fur, Bag Foot Pockets and Head Openings

These Robes are Made of Selected Skins Thoroughly Cleansed and Bleached. All Robes Head Openings with Flap and are Quilted to Add Comfort and Warmth. High Grade Linings and Borders are Used. Every Robe is Guaranteed to be Satisfactory

	Each
No. 19—Size 19x29; Pocket Style, Flannel Lining	$ 10 00
No. 29—Size 21x31; Pocket Style, Satin Lining	14 00
No. 33—Size 22x33; Pocket Style, Satin Lining	15 00

NOTICE.
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THE CARBIC FLARE LIGHT

(Freight First Class)

Carbic Flare Lights
No. 1.....$66.60
No. 2.....77.70

Carbic
No. 20.....$13.32

THE Carbic LIGHT
TRADE MARK

A CLEAR WHITE LIGHT OF GREAT RANGE AND RADIUS
Approximately 2,000 C. P. at a Cost of about 5 Cents per Hour

Designed for the use of Contractors, Railways, Mines, Street Work, Docks, Foundries, Dredges, Steam Shovels, Ditching and Threshing Outfits, Circuses, Lumber Camps, Landings, Summer Resorts, etc.

THE Carbic LIGHT
TRADE MARK

The Carbic Flare Light is a combination of Simplicity, Strength, Economy, Efficiency and Durability. It gives a Clear White Light of Great Range and Radius; makes possible Night Work, Day Work. It is Readily Transported and is Unaffected by Windy or Stormy Weather, Hard Usage or Vibration. Can be Cleaned and Recharged in a few minutes.

A B C

A—Tank.
B—Gas Bell, Riser Pipe Burner and Reflector.
C—Cake Holder, D—Strainer.
The No. 2 Carbic Flash Light Ready for Charging.

PATENTED CARBIC CAKES
For Outside Carbic Lights

Carbic is High Grade Calcium Carbide treated and compressed into Cakes by a patented process; Prevents Waste, is Easily and Safely Handled and gives no trouble in using.

Per Drum
Size No. 20—Size of Cake, 4 in. in Diameter; 40 Cakes in Drum, Weight 108 Lbs.....$9.00

This illustration shows the No. 2 Carbic Light Ready for Operating.

COMPLETE OUTFITS

	Each
No. 1 Holds **Two No. 20 Carbic Cakes**; will Burn about 6 Hours Without Recharging. Weight Without Charge, 31 Lbs., Charged for Operation 73 Lbs.	$45.00
No. 2 Holds **Four No. 20 Carbic Cakes**; will Burn about 12 Hours Without Recharging. Weight Without Charge, 41 Lbs., Charged for Operation 120 Lbs.	55.00

General Description

Consists of but Three Parts and is constructed of Heavy Galvanized Steel and Brass; equipped with a Special Aluminum Reflector which may be swung to any desired angle. It is very simple in its construction, has no intricate parts; it is non explosive and is easy to handle.

It operates automatically, requiring no attention other than recharging, for continuous operation. Should the light be shut off before exhausting the Carbic in the cake holder, the parts remaining may be left in the machine any reasonable length of time for later use without appreciable loss from after generation.

In Cold Weather—The water must not be allowed to freeze. Heat caused by generation of gas will keep the water warm enough under most conditions. **Calcium Chloride** may be used in the water. If necessary, to prevent freezing in extremely cold weather. A wooden jacket around the Tank, filled with any good insulating material and some **common salt** in the water will be all that is necessary to protect the light except in very extreme weather. When Lamp is exposed to freezing weather always pour the water from the Tank as soon as use of light is discontinued. In very severe weather it is well to remove the strainer, putting an ordinary pipe coupling in its place. Replace strainer in warm weather.

CAUTION—Do not have any Flame, nor Allow any Person who is Smoking, Near the Flare when Removing the Gas Bell After Use

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

Kelley-How-Thomson Co. of Duluth

SPRING BALANCES

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight First Class)

Spring Balances
Light
No. 10..... $6.12
No. 20..... 2.32
No. 30..... 4.22

Heavy
No. 40..... $6.12
No. 70..... 12.44

Ice
No. 150.....$68.82

Steelyards
No. 50.....$10.88
No. 100..... 13.66
No. 150..... 16.10

Scale Beams
P. S. & W.
250 lbs..... $3.34
350 lbs..... 4.66
500 lbs..... 6.66

No. 10

Nos. 20 and 30

Nos. 40 and 70

No. 150

LIGHT

	Per Dozen
No. 10—Round, Capacity 25 Lbs. x ½ Lb.	$4.00
No. 20—Straight, Capacity 25 Lbs. x ½ Lb.	1.60
No. 30—Straight, Capacity 50 Lbs. x 1 Lb.	2.00

One Dozen in a Box.

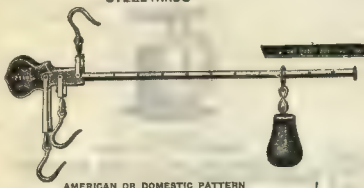
HEAVY

Brass Face, Black Figures, Japanned Case, Tinned Hook and Ring

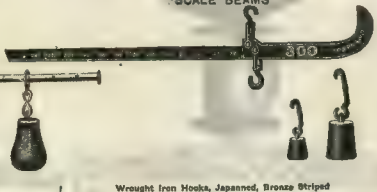
	Per Doz.
No. 40 —Straight, Capacity 25 Lbs. x ½ Lb.	$ 4.00
No. 70 —Straight, Capacity 50 Lbs. x 1 Lb.	8.00
No. 150—Ice, Capacity 200 Lbs. x 2 Lbs.	54.00

Nos. 40 and 70, Half Dozen, No. 150, One Quarter Dozen to a Box.

STEELYARDS



SCALE BEAMS



AMERICAN OR DOMESTIC PATTERN

Balanced Heads and Stops, Head and Poises Painted Black

Nos.	50	100	150
Capacity, Lbs.	50x1 Oz.	100x2 Oz.	120x½ Lbs.
Weight Per Dozen, Lbs.	40	58	68
Per Dozen	$6.00	7.50	9.00

Half Dozen in a Box.

Wrought Iron Hooks, Japanned, Bronze Striped

Nos. and Capacity in Lbs.	250	350	500
Weight of Poises, Lbs.	3 & 5	4 & 5	4 & 16
Weight Each, Lbs.	16	22	32
Each	$1.90	2.50	3.50

Packed Six to a Case.

NOTICE.
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APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight First Class)

Excelsior $5.56

Hickory
No. 25H..... $2.78

Slanting Dial
No. 24..... $2.12
No. 26..... 2.44

American
No. 575..... $2.44
No. 500..... 1.90
No. 600..... 2.22

Banner
No. 1575..... $4.66
No. 1500..... 3.56
No. 1600..... 4.22

EXCELSIOR
Adjusted and Sealed

Cast Iron Frame, Levers and Weights; Polished Brass Beam; Cast Iron Hanging Poise; **Tin Scoop**; Case Hardened Tool Steel Bearings; Vermilion Finish, with Gilt Striping.

Each

Excelsior—Capacity 25 Lbs. x ¼ Oz. $5.00
One in a Box
Shipping Weight 43 Lbs.

HICKORY
(Will not pass State Inspection)
The Dial is Set at a Proper Angle so that it Can be Read at a Glance Without Stooping.

Finely Red Enameled Stamped Steel Case; 6 in. Slanting White Enameled Dial, with Figures and Lines Painted Black; Silver Finished Dial Band fitted with Clear Glass Face; Blue Enameled Steel Hand with Red Tip; Highest Grade Crucible Cast Steel Wire Spring, Tempered by a secret process, Sensitive as a Watch Spring and not injured by constant use; Patented Regulating Screw inside the frame, can be easily adjusted for a scoop, basket or any other vessel.

Each

No. 25H—Capacity 24 Lbs. by ounces; ¼ in. Tin Top; Base, 7⅛x8 in.; Height, 7 in.....$1.75
One in a Cardboard Box
Weight, Boxed, 3½ Lbs.

SLANTING DIAL
Capacity 24 Lbs. by Ounces

Black Enameled Steel; 6 in. White Enameled Slanting Dial with Figures and Lines Stamped and Enameled Black; Enameled Steel Top, 5⅛ in. Square, Base 4⅞x5¼ in.; Adjusting Screw at Top

Each

No. 24—Weight Each About 3¾ Lbs..... $2.00
No. 26—With **Tin Scoop**, otherwise same as above; Weight 4¼ Lbs. 2.50
One in a Box

AMERICAN
Capacity 24 Lbs. by Ounces

Black Enameled Steel Case; 6¼ in. White Enameled Dial, with Figures and Lines Enameled Black; 5x5⅝ in. Base; Enameled Steel Top 5⅛ in. Square; Adjusting Screw with Steel Cap at Top of Case.

Each

No. 575—With **Tin Scoop**; Can be used with or without Scoop.....$3.00
Weight Each About 3¾ Lbs.

AMERICAN
Capacity 24 Lbs. by Ounces

Black Enameled Steel Case; 6¼ in. White Enameled Steel Dial, with Figures and Lines Enameled Black; 6x6⅝ in. Base; Adjusting Screw with Steel Cap at Top of Case.

Each

No. 500—With **Enameled Steel Top** 5⅛ in. Square.....$3.50
Weight Each About 3¾ Lbs.
No. 600—With **White Tile Top** 6¼ in. Square..... 3.00
Weight Each About 4½ Lbs.

BANNER
Capacity 60 Lbs. by 2 Ounces

Black Enameled Steel Case; 8 in. White Enameled Steel Dial, with Figures and Lines Enameled Black; 6x6½ in. Base; Enameled Steel Top, 6¾ in. Square; Adjusting Screw with Steel Cap at Top of Case.

Each

No. 1575—With **Tin Scoop**; Can be used with or without Scoop.....$3.50
Weight Each About 6 Lbs.
All Above, One in a Box

BANNER
Capacity 60 Lbs. by 2 Ounces

Black Enameled Steel Case; 8 in. White Enameled Steel Dial, with Figures and Lines Enameled Black; 6x6½ in. Base; Adjusting Screw with Steel Cap at Top of Case.

Each

No. 1500—With **Enameled Steel Top**, 6¾ in. Square.....$3.00
Weight Each About 5½ Lbs.
No. 1600—With **White Tile Top**, 6¼ in. Square..... 3.50
Weight Each About 7½ Lbs.

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Kelley-How-Thomson Co. of Duluth

Dating May 1, 1916

LAWN MOWERS

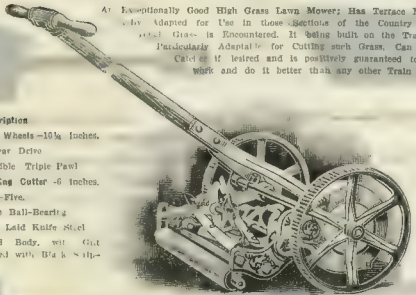
COLDWELL PARK—BALL BEARING

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight Second Class)

Coldwell Park
No. 16..... $17.22
No. 18..... 18.86
No. 20..... 19.98



An Exceptionally Good High Grass Lawn Mower; Has Terrace Mowing Arrangement Specially Adapted for Use in those Sections of the Country where a Quick Growing Coarse Grass is Encountered. It being built on the Train Geared Style makes it Particularly Adaptable for Cutting such Grass. Can be supplied with a Grass Catcher if desired and is positively guaranteed to do a greater variety of work and do it better than any other Train Geared Lawn Mower.

Description

Diameter of Drive Wheels—10¼ inches.
Gears—External, Rear Drive
Ratchets—Indestructible Triple Pawl
Diameter of Revolving Cutter—6 inches.
Number of Blades—Five.
Bearings—Adjustable Ball-Bearing
Bottom Knife—Best Laid Knife Steel
Finish—Bright Red Body, with Gilt Trimmings, Marked with Black Striping

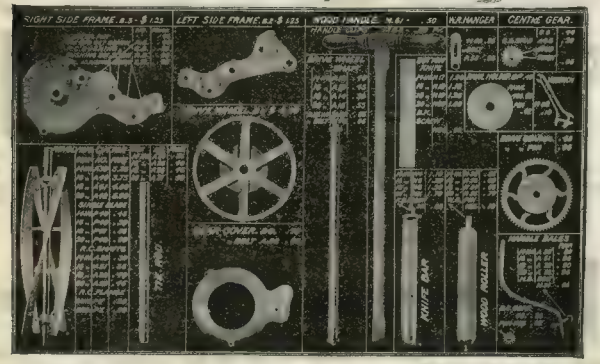
Ball-Bearing; High Wheel; Five Blade Reel; Self-Sharpening

Made throughout of the Best Material, and has several of the Latest Devices, such as the Indestructible Triple-Pawl, Ratchets, Adjustable Bearings, etc., also Patent Device for Handle Adjustment, which is absolutely necessary for terrace mowing.

Nos.	16	18	20
Width of Cut, In.	16	18	20
Weight, Each, Lbs.	55	60	69
Each	$22.00	24.00	26.00

One in a Box.

EXTRA PARTS FOR "PARK" LAWN MOWERS
Not Carried in Stock; Can Only be Furnished by Shipping Direct from Factory



The Words **Right** and **Left** refer to the right or left hand when standing behind the Mower and facing in the direction the machine travels when in use

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APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight One & One-Half Times First Class)

Flashlights Pistol
No. 2675.....$ 2.22

Battery and Bulb Testers
No. 6291.....$ 1.00

Mazda Bulbs
All Numbers
List Plus 55.4%

Tungsten Batteries
All Numbers
List Plus 33.2%

(Freight 3 Times First Class)

Kruschke
No. 25.....$ 6.88
No. 50..... 9.44
No. 75..... 10.00

FLASHLIGHTS

PISTOL

Wrought Steel Case, Gun Metal Finish; 3¾ in. Long; 2 in. High, ¾ in. Thick; Contact is obtained by Pulling Trigger. Case Opens on Hinge by Pressing Small Projection on top of Case, which Enables Battery to be Placed into or Removed from Case Very Easily.

	Each
No. 2675—Complete with Tungsten Battery **No. 750**, and Mazda Bulb **No. 1180**; Weight Each About **6 Ozs.**.....	$1.50

One in a Cardboard Box

BATTERY AND BULB TESTERS

For Testing Flashlight Batteries and Bulbs

Permits the Testing of Batteries without Placing a Short Circuit on them, which is the case when a pocket ammeter is used. It provides the only satisfactory means of Testing Flashlight Lamps; There are Three Receptacles for the Insertion of Lamps of Proper Voltage for Two, Three and Five Cell Batteries. Liberal Leads are Provided, which permits easy access to sealed batteries.

	Each
No. 6291—Black Japanned, Wrought Steel Case, 5¼ in. Diameter 1¾ in. Thick; Wrought Brass Sockets, with Four 12 in. Connecting Cables; Weight Each About ¾ Lbs.	$0.75

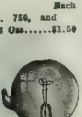
One in a Box, with Complete Instructions

MAZDA BULBS

Mazda Bulbs Must Be Used with Tungsten Batteries

No. 1170

The highest Quality in Metal Filament Bulbs give 500% More Candle Power than the carbon lamp. They greatly increase the service of the battery.



No. 1105

	Each
No. 1170—For Lights Nos. 6940 and 6970	$0.13
No. 1160—For Lights Nos. 6901, 6971, 6901, 2650 and 2675	.13
No. 1161—For Lights Nos. 6962, 6972 and 6992	.13
No. 1162—For Lights Nos. 2602, 2630 and 6954	.13
No. 1106—For Lights Nos. 6901, 6902 and 6903	.13
No. 1105—For Lights Nos. 2602, 2612, 2613, 2627, 2632, 2634 and 2650	.13
No. 1195—For Lights Nos. 2623 and 2655	.13
No. 1197—For Lights Nos. 1991 and 6902	.13
No. 1198—For Lights Nos. 2604, 2616, 2625, 2631 and 2688	.13

TUNGSTEN BATTERIES

Tungsten Batteries are guaranteed to give 400% more service than any other dry battery on the market, and to stand on the shelf for months without materially depreciating in strength. Any battery failing to live to guarantee, is replaced without cost, providing seal is not broken.

		Each
No. 700—Size	1⅛x1⅛x⅞ in.	$0.30
No. 703—Size	2⅝x2⅝x⅞ in.	.35
No. 705—Size	1⅝x⅞ in.	.10
No. 706—Size	½x⅛ in.	.25
No. 715—Size	1⅝x1⅛ in.	.70
No. 750—Size	1¾x1⅛x1⅛ in.	.30
No. 751—Size	2¾x2 x1⅛ in.	.35
No. 790—Size	1⅝x1⅝ in.	.50
No. 791—Size	1 x⅝ in.	.30
No. 792—Size	2½x1⅝x1⅛ in.	.50
No. 793—Size	3½x2½x1¾ in.	.95

SEARCHLIGHTS

Hunters
Campers
Canoeists
Fishermen

Miners
Watchmen
Mounted Police
Bicyclists

KRUSCHKE

The Kruschke Search Light is a strong, well made and light weight Lamp, which throws a bright penetrating light, is not affected by either wind, rain, heat or cold, and is adapted to all kinds of work; Fitted with a strap for wearing on hat or cap, so as to leave the hands entirely free; A hinge joint enables the light to be tilted up or down, at any angle, hinged darkening cover fitting over Lens, Rubber tube connects light with generator which may be worn on belt or carried in pocket, has detachable base and burner, which is suitable for a table or camp lamp when removed. Made of the best material, enameled black, adjustable and mirror lens reflectors; Burns Carbide, one filling, 4 Ozs., will burn 8 hours.

	Each
No. 25—Complete Lamp with **Single Lens**; Desirable Where a Large Spread of Light is Wanted	$5.50
No. 50—Complete Lamp with **Double Lens**; Extra Bull's Eye Lens for Concentrating the Light	8.00
No. 75—Complete Lamp with **Interchangable Lens**; Bull's Eye Lens can be removed. Lamp and Head Strap, Weight 10 Oz. Complete	8.50

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Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight One & One Half Times First Class)

Bicycle
No. 8D.....$2.44

Buggy
No. 11.....$2.66

Auto Tail
No. 12.....$2.66

Delta Hand
No. 7.....$2.00

Lightning Bug Lantern
No. LB.....$1.50

Extra Bulbs for Delta.....$0.28

Extra Bulbs for Lightning Bug.....$0.20

DRY BATTERY LAMPS

Operates on a Regular 6 in. Round Dry Battery, Giving About 24 Hours Continuous or About 30 Hours Intermittent Service

Cold Rolled Steel Battery Case, 7⅝ in. Long, 2⅜ in. Diameter; Black Gloss Baked Enameled Finish, Drawn Steel Headlight, Black Gloss Baked Enameled Finish, with Scientifically Designed and shaped Silver Glass Reflector, and Finest Imported Ground and Polished Lens; Diameter of Lens 2¾ in.

Special Tungsten Wire Bulb, about 2 Candle Power; Complete with Two Silk Covered Conductor Wires with Plain Battery Connectors on One End and Pin Terminals on the Other; The Pin Terminals are Inserted Back of Headlight and held in place by split binding post; Cannot Jar Loose.

Brass Screw on Headlight for Turning Light on and off.

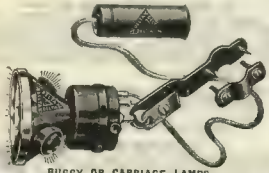
BICYCLE LAMPS

For Bicycles, Motorcycles, Automobiles and Boats
Equipped with Clamps for Fastening to Top Bar

Each

No. 8D—Without Battery; Weight Each About 1¾ Lbs.....$1.75

One in a Corrugated Cardboard Box



BUGGY OR CARRIAGE LAMPS

Combined Front, Side and Tail Lamps. Red Light Reflects through opening to Rear, making it a Side as well as a Rear or position to Dash, Seat or Bow. Each

Lamp. Screws to Wood or Clamps to Iron in any shape, form

No. 11—Without Battery; Weight Each About 2 Lbs.....$1.75

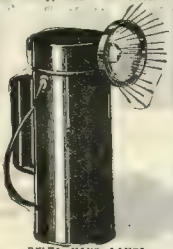
One in a Box

AUTOMOBILE TAIL LAMPS

A Simple Auto Tail Lamp, very Easily Attached and Complies with All Laws, having Red and Green Side Lights, and 2 Inch Ruby Lens for Rear, of all to secure Each

No. 12—Without Battery; Weight Each About 2 Lbs.....$1.75

Box



DELTA HAND LAMPS

Adapted for Autoists, Sportsmen, Farmers, or any one desiring a Long Continuous or Intermittent Light. Special Tungsten Wire Bulb, is about 2 Candle Power and the Scientifically Designed and Shaped Glass Reflector and Imported Lens Increase the Power to many times that amount; No Danger of Fire when used around Cases, Powder, Hay, etc.; Push Switch Conveniently Located.

Cold Rolled Steel Case and Handle, with Wire Bail; Black Glossed Baked Enamel; Height 8½ In.; Diameter 2¾ in.

Each

No. 7—Without Battery; Weight About 18 Oz.....$1.75

One in a Box

LIGHTNING BUG LANTERN

Indispensable in the Home, Barn, Garage, Camp, etc., readily taking the place of the short-lived and uncertain flash light and the ill-smelling and dangerous oil lantern. Never Out of Order; Always Ready; No Lighting of Matches; No Fire Hazard.

Equipped with the Latest Developed High Power Tungsten Lamp, Spreading a Clear, Steady Light Fifty Feet.

Attractively Finished in Black Baked Enamel with Polished Nickel Plated Trimmings.

Each

No. LB—Without Battery; Weight About 14 Oz.....$1.45

Box

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Dating May 1, 1916

APPROXIMATE NET PRICES

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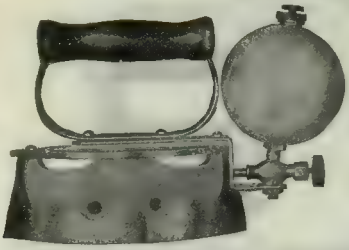
(Freight First Class)

Gasoline Sad Irons
Comfort
No. 6½G..... $5.66

SAD IRONS



The Comfort Gasoline Sad Iron has Wonderful Mechanical Features; The Gas Producing Generator is Constructed of One Piece Heavy, Seamless Brass Tubing, fitted into a Heavy, Solid Brass Valve Joint which retains 5½ in. Brass Needle Valve Stem, is also equipped with a Brass Spiral Fuel Retarder which Insures a Steady Regular and Uniform Flow of Gasoline Gas and Perfect Generation; Heavy Brass 0z-0 Burner, Burns with Intense Blue Flame, Consumes 98% Air to 1% Gas; Heats every square inch of the Face of the Sad Iron to the same degree of temperature; Superb 3 in 1 Check, Filler Cap and Air Valve, made of Brass; has a New Idea Washer which securely closes opening at top of spherical reservoir. Air Valve is scientific and simple; Seamless Brass Full Reservoir possesses tremendous strength.

COMFORT-GASOLINE

No Smoke—No Odor—Is Quickly, Easily and Absolutely Accurately Adjustable to Any Heat Desired by the Operator

Highly Nickel Plated and Polished Throughout; Cast Iron Core, Polished at Both Ends; Ebonized Wood Handle with Heavy Steel Brace, Protected from Heat by Two Asbestos Pads; Reservoir Holds Three-quarter Pint of Gasoline which will Operate Iron about 5 Hours; Hard Fibre Shut-off Valves; Furnished Complete with Asbestos Generator Torch, Small Tin Funnel and a 4½ in. Brass Pump.

	Each
No. 6½G—Weight 6½ Lbs.; 18½ Square inches of Ironing Surface	$4.50

One in a Package, Weight 7½ Lbs.

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Dating May 1, 1916

ELECTRIC SAD IRONS

NO DIRT—NO ODOR—NO DANGER; ALWAYS COOL AND COMFORTABLE

Complete All Ready for Use; Works on 110 or 220 Volts

When Ordering, Specify for What Voltage Irons are to be Used

APPROXIMATE NET PRICES

Subject to Change Without Notice

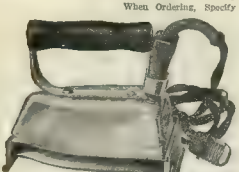
(Freight First Class)

Electric Sad Irons Princess De Luxe
No. 6½P..... $4.44

Universal
No. 903E..... 5.44

A-Best-O Automatic
No. 6½A.....$10.10

Household
No. 6H..... $5.00



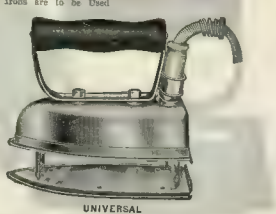
PRINCESS DE LUXE

Cast Iron Face Plate, Blued in Oil and Chemically Treated, making it Rust-proof and Non-scaling; Heating Element made of Ni-Chrome Ribbon Steel, Wound on Mica and sealed between sheets of Mica; Guaranteed for 10 Years; Solid Cast Iron Core; Nickel Plated and Polished Stamped Steel Hood, Lined with Asbestos; ⅝ in. Flat Steel Handle, Nickel Plated and Polished, with Black Enameled Wood Grip; 7 ft. Cotton Insulated Twisted Cord, fitted with Edison Screw Base and Spiral Steel Wire Guard; Cord is Attached to Iron by a Pull Plug, which is firmly held in place by a Nickel Plated Steel Sleeve; Polished Sheet Steel Stand.

Each

No. 6½P—6¼ Pounds; Size, 6⅝ in. Long, 3¾ in. Wide at Heel, Tapered Point; 5 in. High.....$8.25

One in a Box, Weight About 8½ Lbs.



UNIVERSAL

Cast Iron Face, Highly Polished and Nickel Plated; Solid Cast Iron Core; Stamped Steel Hood, Nickel Plated and Polished; Nickel Plated Stamped Steel Handle with Ebonized Wood Handle securely screwed to Core; Furnished Complete with 6 ft. of Electric Cord, Silk Wrapped; with Edison Screw Socket and Patent Ebonized Composition Pull Plug, fitted with Nickel Plated Wire Guard. Reversible Steel Stand, Aluminum Finish.

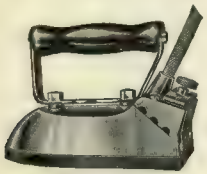
The Element of the Universal is made of Ribbon Steel wound on Mica and is fastened between the face of the Iron and Core.

A Thermo-Cell surrounds the Top Surface of the Core and prevents the heat from radiating at the top of the Iron, which makes the Ironing Face the only place through which the Heat can escape.

Each

No. 903E—6 Pounds; Size, 6⅛ in. Long, 3⅝ in. Wide at Heel, Tapered Point; 5 in. High.....$5.25

One in a Box, Weight About 7½ Lbs.



A-BEST-O AUTOMATIC

HOUSEHOLD

The Heating Element Used in these Irons is Constructed in a manner unlike any other make of Electric Iron. Resistance Wire is Imbedded in a Special Composition by a Patented Process. This Composition is a Perfect Insulator of Electricity, but Readily Conducts the Heat to the Bottom of the Iron. The Resistance Burn Out when Used on the Proper Voltage of Current. Wire Cannot Become Oxidized, or Over-Heated—Cannot

Solid Cast Iron Base, Blued Finish; Stamped Steel Hood, Nickel Plated and Highly Polished; Black Enameled Handle, Rubberoid Finish. 6 ft. Feed Cord permanently attached to Iron; Pull-apart Plug at Socket End, Spiral Steel Spring to hold Cord away from Iron. Three-section, Electro-welded Stand.

Temperature controlled by thermostat, can be Set for Any Degree between 300 and 600 F.—Arcing prevented by condenser; Uniformity of Temperature Prevents Scorching; Automatic Heat Control Eliminates hazard of fire through forgetfulness or care-lessness; Saves Current.

Each

No. 6½A—7 Pounds; Size, 6⅝ in. Long, 3⅞ in. Wide at Heel, Tapered Point; 5¼ in. High.....$6.50

Weight About 9¼ Lbs.

One in a Single Carton; ¼ Dozen Single Carton to the Case; Weight 29 and 27 Lbs.

Solid Cast Iron Base, Blued Finish; Stamped Steel Hood, Nickel Plated and Highly Polished; Black Enameled Cold Handle, Rubberoid Finish. 6 ft. Feed Cord, Detachable Plug at Iron to make and break circuit; Extra Strong Contacts and Posts; Cord protected at Detachable Plug by Spiral Steel Spring; Pull-apart Attachment Plug at Socket End; Three-Section, Electro-welded Steel Stand.

Each

No. 6H—6 Pounds; Size, 6¼ in. Long, 3⅝ in. Wide at Heel, Tapered Point, 5 in. High.....$5.00

Weight About 8¼ Lbs.

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

ACCESSORIES FOR FORD AUTOMOBILES

GAS HEADLIGHTS

Drawn from One Piece Heavy Gauge Steel; Dead Ivory Finish, with Nickel Plated Trimmings. Equipped with Powerful Ground Glass Mangin Mirror and Silvered Front Reflector; Lava Tips for Acetylene Gas; All Joints Riveted; No Solder Used.

No.	8G
Diameter of Lens, In.	8
Prop Centers, In.	7
Weight per Pair, Lbs.	7
Per Pair	$9.00

One-half Pair in a Box

SIDE LAMPS

Height Over-All 8½ In.; From Front Glass to Rear 5 In

Heavy Steel Die Construction; All Parts Interchangeable and Fitted Perfectly; Vibration Proof; Dead Ivory Finish, with Nickel Trimmings.

Oil Pot Locks with a Single Turn of the Wrist; Semaphore Lens used, retained by a Snap Ring. Door Fastened by a Spring Catch and a Knurled Nut.

Per Pair

No. 26 —For Oil Only.....$5.00
No. 26C—Combination Oil and Electric 5.50

Weight Each, About 3 Lbs.

TAIL LAMPS

Height Over-All 8½ In.; From Front Glass to Rear 5 In.

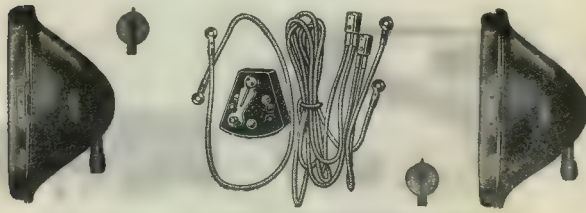
Heavy Steel Die Constructed, All Parts Interchangeable and Fitted Perfectly; Vibration Proof; Dead Ivory Finish, with Nickel Trimmings. Oil Pot Locks with a Single Turn of the Wrist; Double Lock on Door, Snap Catch and Knurled Nut

Both Crystal and Ruby Lenses of the Semaphore Type. Large White Glass showing on number.

Each

No. 24 —For Oil Only.....$2.60
No. 24C—Combination Oil and Electric 3.20

Weight Each, About 2 Lbs.



ELECTRIC HEADLIGHT OUTFITS

Consists of Two No. 10E Headlights, Bulbs, Wiring, Terminals and Switch, all ready to Connect Direct to the Magneto of the Ford Car. This Outfit is Very Popular as the Wire is Cut Exactly to Length; Lamps Perfectly Fit the Ford Brackets and it may be installed by almost anyone in a very few minutes.

NOTICE. Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

Per Set

Complete Headlight Outfit; Weight 4¾ Lbs......$10 00

Electric Outfit Packed in a Single Box

Dating May 1, 1916

APPROXIMATE NET PRICES Subject to Change Without Notice

(Freight, One and One-Half Times First Class)

Electric Outfits
No. 3—8.....$5.56
No. 3—9..... 5.56

Cable Manifolds
Complete, No. 004 .....$1.68

Primary Assembly
4 Wire.....$1.12
6 Wire..... 1.22

Combination Dash and Trouble Lamps
No. 235.....List

Dash Lamps
No. 627 .....List

ACCESSORIES FOR FORD AUTOMOBILES

ELECTRIC OUTFITS

Wired Complete Ready to Use with Connectors

Consists of Two Heavy Brass, Silver Plated, Polished Parabolic Reflectors; Two 12 Candle Power, 6 Volt Tungsten Globes with Ediswan Sockets; Wired with Heavy Primary Cable, sufficient to Connect the Two Headlights and extend to the Magneto Switch and allows for Grounding Cord to the Car. Full Instructions for Installing.

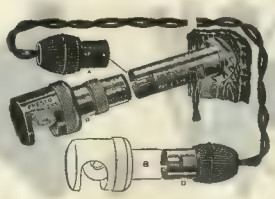
Per Set.
No. 3-8—With 8 in. Reflectors.....$4.00
No. 3-9—With 9 in. Reflectors..... 4.00

CABLE MANIFOLDS FOR REWIRING FORD CARS

Practically every car that is used continuously should be rewired at least once a year. The loss of current from leakage would more than offset the expense.

These sets are furnished complete in Rubber-tipped loom with vari-colored cable and terminals; all cable correct length.

Each
No. 004—Complete as shown above.....$1.00



COMBINATION DASH AND TROUBLE LAMPS

Highly Polished Nickel Plated Finish. In ordinary use it is a First Class Dash Lamp and may be used to Illuminate the Speedometer, Vibrator, Clock, Pedals, etc. The Light is Turned On and Off by means of a Two-way Switch Socket. A slight turn to the right or left turns it on or off.

When desired it can be Easily Converted Into a Trouble Lamp; Simply Remove the Lamp Socket, Bulb and Reflector From the Dash Socket and use the 10 ft. of wire fitted with Bayonet Plug and Bayonet Plug Socket. Connect the Plug to the Socket on the Dash and the Other End to the Reflector and Lamp.

Each
No. 235—Furnished Complete with 10 ft. of Cotton Cord, with a 3 Volt, 2 C. P. Tungsten Lamp for Attaching to Two Dry Cells; or a 6 Volt, 2 C. P. Bulb when desired to run off a Storage Battery.....$3.00

DASH LAMPS

Especially Adapted to the Ford Dash

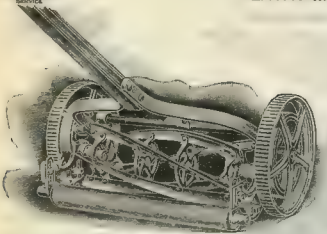
Each
No. 627—Heavy Brass, Nickel Plated; Length from Dash to Lamp 2 in.; Furnished Complete with Reflector and 6 Volt, 3 Candle Power Tungsten, Ediswan Base Bulb. Has "On and Off" Switch Type Lamp Socket.....$1.50

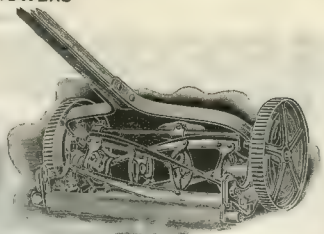
NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

Kelley-How-Thomson Co. of Duluth

Dating May 1, 1916

LAWN MOWERS





HICKORY, JR

Ball Bearing; Open Construction High Wheel; Self-Sharpening

A High Grade Lawn Mower of the Open Frame Type of Construction. The Workmanship and Material is of the Very Best; All Running Parts have been Carefully Machined and a second cut made on each operation to assure accuracy and perfection in the assembling of the mower. Wheels are 10 in. High with the Gears raised up from the ground; completely housed to prevent grass and dirt from entering and clogging them. Revolving Cutter is 6 in. in diameter and has **5 Crucible Steel Blades**, Highly Tempered. The Revolving Cutter is Carried on Patented Ball Bearings, which are Adjusted by a Single Screw. The Bottom Knife is of Cast Steel, Oil Tempered.

Aluminum with Gilt and Red Trimmings

Nos.	214	2 6	218
Width of Cut, In.	14	16	18
Weight, Each, Lbs.	48	50	56
Each	$15.09	16 75	16.50

One in a Box

MAPLE

Ball Bearing; Open Construction High Wheel; Self-Sharpening

Material and Workmanship of the very best. Made on thoroughly practical lines and is so constructed that it can not be easily disarranged. The Drive Wheels are 9 in. in diameter, with the gears raised up from the ground, fully protected from the dirt and cut grass. The Revolving Cutter is 6 in. in diameter and has **4 Crucible Steel Blades** Highly Tempered and ground true their entire length; Carried on Patented Adjustable Ball Bearings. Ratchet has a flat Steel Sliding Pawl placed in the Revolving Cutter Gear.

Gilt with Black and Red Trimmings

Nos.	314	316	318
Width of Cut, In	14	16	18
Weight, Each, Lbs	44	46	48
Each	$12 00	12 75	13.50

One in a Box

LAWN TRIMMERS

WOODLAND

Brass Bushed Journals; High Wheel; Self-Sharpening

Same in Construction as the Maple shown above, with the exception that it is made with Adjustable Brass Bushed Journals in place of ball bearing. The Teeth of the Gears are of the true shape, ratio and pitch and are cut more finely than those used in a mower of this grade, which insures a quiet running machine. The Knives, **3 in number**, are full-sized and will not spring out of line when something of a hard nature enters between them while mowing. The Bottom Knife is Adjusted to the Revolving Cutter by Steel Set Screws.

Aluminum with Gilt and Red Trimming

Nos.	414	416	418
Width of Cut, In.	14	16	18
Weight, Each, Lbs.	42	44	48
Each	$9 00	9.45	10.20

One in a Box

COLDWELL

Made of the Best Material Throughout; Workmanship and Finish unsurpassed; Diameter of Drive Wheel, 8 in.; Gears, Internal, direct drive; Ratchets, Sliding Paw]; Diameter of Revolving Cutter, 5 in.; Number of Blades, Four; Bearings, Adjustable Ball-Bearings; Bottom Knife, Best Tool Steel.

Aluminum and Gilt Finish

Nos.	8
Width of Cut, In.	8
Weight, Each, Lbs.	32
Each	$10 50

One in a Box

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight Second Class)

Hickory Jr.

No. 214	$11.10
No. 216	11.66
No. 218	12.22

Maple

No. 314	$8.34
No. 316	9.10
No. 318	9.78

Woodland

No. 414	$5.88
No. 416	6.22
No. 418	6.66

Coldwell

No. 8	$8.88

NOTICE.

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Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight Second Class)

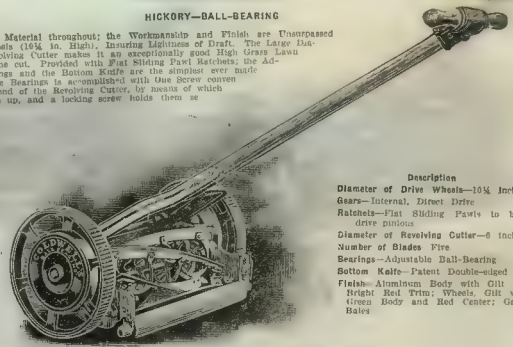
Hickory
No. 118.....$15.00
No. 118..... 16.66
No. 120..... 17.76

Kelley-How-Thomson Co. of Duluth

LAWN MOWERS

HICKORY—BALL-BEARING

Made of First Grade Material throughout; the Workmanship and Finish are Unsurpassed Has Large Drive Wheels (10¼ in. High), Insuring Lightness of Draft. The Large Diameter Five-Blade Revolving Cutter makes it an exceptionally good High Grass Lawn Mower, with a very fine cut. Provided with Flat Sliding Pawl Ratchets; the Adjustment of the Bearings and the Bottom Knife are the simplest ever made The Adjustment of the Bearings is accomplished with One Screw conveniently located at the end of the Revolving Cutter, by means of which all wear can be taken up, and a locking screw holds them securely in place.



Description

Diameter of Drive Wheels—10¼ Inches.
Gears—Internal, Direct Drive
Ratchets—Flat Sliding Pawls to both drive pinions
Diameter of Revolving Cutter—6 Inches
Number of Blades Five
Bearings—Adjustable Ball-Bearing
Bottom Knife—Patent Double-edged
Finish—Aluminum Body with Gilt and Bright Red Trim; Wheels, Gilt with Green Body and Red Center; Green Balls

Ball Bearing; High Wheel; Five Blade Reel; Self-Sharpening

Furnished with Patent Terrace Mowing Arrangement, Reversible Channel Shaped Bottom Knife. Grass Catcher can be attached			
Nos.	118	118	120
Width of Cut, in.	16	18	20
Weight, Each, Lbs.	50	60	65
Each	$ 12 00	24.00	26.00

One in a Box.

EXTRA PARTS FOR "HICKORY" LAWN MOWERS
Not Carried in Stock; Can Only be Furnished by Shipping Direct from Factory

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

The Words Right and Left refer to the right or left hand when standing behind the Mower and facing in the direction *the machine* travels when in use

Dating May 1, 1914

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight First Class)

Colt's

No. 25—Police Positive
- 32 Cal. $25.64
- 38 Cal. 25.64

No. 25—Police Positive Special
- 32-20 Cal. 26.54
- 38 Cal. 26.54

No. 27—Army Special 28.66

No. 28—New Service 31.08

COLT REVOLVERS

No. 25—POLICE POSITIVE, DOUBLE ACTION

This Model has a Positive Lock operating automatically only when the Trigger is pulled and at all other times preventing the firing pin from coming in contact with the Cartridge, thereby insuring against accidental discharge.

Solid Frame, Swing Out Cylinder, Simultaneous Ejection, Rubber Stock. Holds 6 Shots

32 Colt Police Positive Caliber, Blued Finish

Will Also Use 32 S. & W. Short or Long Cartridges.

	Each
4 in. Barrel. Weight 19 Oz. Each	$15.00
6 in. Barrel; Weight 20 Oz. Each	14.00

38 Colt Police Positive Caliber, Blued Finish

Will Also Use 38 S. & W. Cartridges.

	Each
4 in. Barrel; Weight 20 Oz. Each	$15.00
6 in. Barrel; Weight 21½ Oz. Each	15.00

No. 25—POLICE POSITIVE SPECIAL, DOUBLE ACTION

This Model has a Positive Lock, operating automatically only when the Trigger is pulled and at all other times preventing the firing pin from coming in contact with the Cartridge, thereby insuring against accidental discharge.

Solid Frame, Swing Out Cylinder, Simultaneous Ejection, Rubber Stock. Holds 6 Shots

32-20 Caliber, Blued Finish

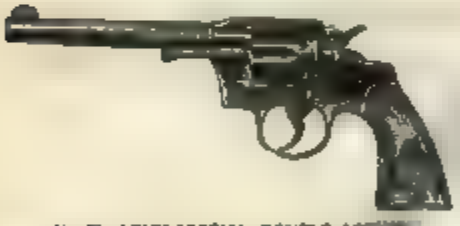
Any Rifle Cartridge of this Caliber.

	Each
4 in. Barrel; Weight 22 Oz. Each	$15.00
6 in. Barrel; Weight 25 Oz. Each	15.00

38 Colt, Long or Short Caliber, Blued Finish

Will Also Use 38 S. & W. Special Cartridges.

	Each
4 in. Barrel; Weight 24 Oz. Each	$14.50
6 in. Barrel; Weight 25 Oz. Each	15.00



No. 27—ARMY SPECIAL, DOUBLE ACTION

Cylinder Revolves to Right, Insuring Tightness and Perfect Alignment. Positive Lock which Absolutely Prevents Accidental Discharge.

Jointless Solid Frame, Swing Out Cylinder, Simultaneous Ejection, Rubber Stock. Holds 6 Shots.

32-20 Caliber, Blued Finish

A [illegible] Caliber

	Each
4½ in. Barrel; Weight 32 Oz. Each	$16.00
6 in. Barrel; Weight 36 Oz. Each	16.00

38 Colt Caliber, Blued Finish

Will Also Use 38 S. & W. Special Cartridges.

	Each
4½ in. Barrel; Weight 32 Oz. Each	$16.00
6 in. Barrel; Weight 36 Oz. Each	16.00

44 Colt Caliber, Blued Finish

	Each
4½ in. Barrel; Weight 32 Oz. Each	$16.00
6 in. Barrel; Weight 36 Oz. Each	16.00

No. 28—NEW SERVICE, DOUBLE ACTION

Solid Frame, Swing Out Cylinder, Simultaneous Ejection, Rubber Stock. Holds 6 Shots

38 W. C. F. Caliber, Blued Finish

	Each
5½ in. Barrel; Weight 40 Oz. Each	$16.75
7½ in. Barrel; Weight 42 Oz. Each	16.75

44 W. C. F. Caliber, Blued Finish

	Each
5½ in. Barrel; Weight 40 Oz. Each	$16.75
7½ in. Barrel; Weight 42 Oz. Each	16.75

45 Colt Caliber, Blued Finish

	Each
5½ in. Barrel; Weight 40 Oz. Each	$16.75
7½ in. Barrel; Weight 42 Oz. Each	16.75

All Always Open Stock.

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Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight First Class)

Hopkins & Allen
No. 350—
22 R. F.
Discontinued
No. 360—
32 C. F.....$ 7.78
No. 370—
38 C. F..... 7.78

Safety Police
No. 300—
32 Cal.....$12.22
38 Cal..... 12.22

Colt's
No. 32—Single Act. Army..$28.86
No. 31—Officers Target 35.52

Smith & Wesson
No. 156—
32 Blued...$26.10
No. 116—
22 Nick..... 26.10
No. 165—
38 Blued... 27.54
No. 155—
38 Nick..... 27.54

Military Model 1905
No. 75—32 Blued
4 in.....$30.20
No. 85—32 Blued
6 in..... 30.20
No. 95—38 Blued
4 in..... 30.20
No. 105—38 Blued
6 in..... 30.20

Military Model 1902
No. 90—38 Blued
4 in.....$30.20
No. 100—38 Blued
6 in..... 30.20

NOTICE.
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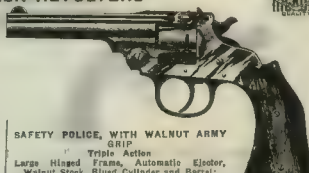
Kelley-How-Thomson Co. of Duluth

HOPKINS & ALLEN REVOLVERS

RANGE MODEL, DOUBLE ACTION, ARMY GRIP
Solid Case Hardened Steel Frame; Walnut Stock; Blued Cylinder and Barrel; Holds 6 Shots

		Each
No. 330	22 Caliber; 6 in. Barrel; Weight, 16 Oz. Each	$6.80
No. 360	32 Caliber; 4½ in. Barrel; Weight, 12 Oz. Each	6.50
No. 370	38 Caliber; 4½ in. Barrel, Weight, 14 Oz. Each	6.50

All Above, One in a Box, with Cleaning Rod



SAFETY POLICE, WITH WALNUT ARMY GRIP
Triple Action
Large Hinged Frame, Automatic Ejector, Walnut Stock, Blued Cylinder and Barrel; Cylinder Holds 6 Shots; 4 in. Barrel

		Each
No. 300	32 S. & W. Caliber, C. F.; Weight, 16 Oz. Each	$8.60
No. 301	38 S. & W. Caliber, C. F.; Weight, 20 Oz. Each	9.50

COLT'S REVOLVERS

No. 32—SINGLE ACTION ARMY
Solid Frame, Rod Ejecting, Rubber Stock, Blued Finished Barrel and Cylinder, Case Hardened Frame; Hold 6 Shots

	32 W. C. F. Caliber	Each
4¾ in. Barrel;	Weight, 30 Oz. Each	$16.00
5½ in. Barrel;	Weight, 40 Oz. Each	16.00
7½ in. Barrel;	Weight, 42 Oz. Each	16.00
	38 W. C. F. Caliber	Each
4¾ in. Barrel;	Weight, 29 Oz. Each	$16.00
5½ in. Barrel;	Weight, 40 Oz. Each	16.00
7½ in. Barrel;	Weight, 42 Oz. Each	16.00

No. 31—OFFICERS' TARGET MODEL; DOUBLE ACTION
Solid Frame, Swing Out Cylinder, Simultaneous Ejection; Walnut Stock, Checkered; Holds 6 Shots

	Each
38 Long Colt Caliber; 6 in. Barrel; Weight, 32 Oz. Each	$20.00

Can Also use 32 S. & W Special Cartridges

SMITH & WESSON REVOLVERS

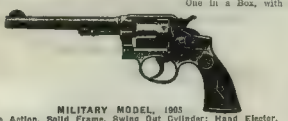
NEW DEPARTURE, SAFETY HAMMERLESS
Has Safety Lever which Makes Accidental Discharge Impossible, as the Stock must be held firmly and the Trigger pulled, in order to fire

Safety Hammerless Double Action, Hinged Frame, Automatic Ejector, Rubber Stock, Holds 5 Shots

	32 S. & W. Caliber; Blued Finish	Each
No. 126—3½ in.	Barrel; Weight, 14¾ Oz. Each	$14.35
	38 S. & W. Caliber; Blued Finish	Each
No. 165—4 in.	Barrel; Weight, 17¼ Oz. Each	$16.00

	32 S. & W. Caliber; Nickeled Finish	Each
No. 116—3½ in.	Barrel; Weight, 14¾ Oz. Each	$14.35
	38 S. & W. Caliber; Nickeled Finish	Each
No. 155—4 in.	Barrel; Weight, 17¼ Oz. Each.	$16.00

One in a Box, with Cleaning Brush



MILITARY MODEL, 1905
Double Action, Solid Frame, Swing Out Cylinder; Hand Ejector, Checkered Walnut Stock, Square Butt; Holds 6 Shots

	32 W. C. F. Caliber; Blued Finish	Each
No. 75—4 in.	Barrel; Weight, 33 Oz. Each	$20.00
No. 85—6 in.	Barrel; Weight, 35 Oz. Each	20.00
	38 S. & W. Special Caliber; Blued Finish	Each
No. 95—4 in.	Barrel; Weight, 33 Oz. Each	$20.00
No. 105—6 in.	Barrel; Weight, 35 Oz. Each	20.00

MILITARY MODEL, 1902
Double Action, Solid Frame, Swing Out Cylinder; Hand Ejector, Round Butt, Rubber Stock; Holds 6 Shots
38 S. & W. Special Caliber; Blued Finish

	Each
No. 90—4 in. Barrel; Weight, 31 Oz. Each	$19.00
No. 100—6 in. Barrel; Weight, 33 Oz. Each	19.00

All Above, One in a Box, with Cleaning Brush

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight First Class)

INGERSOLL WATCHES

Guaranteed for One Year

Stem Wind and Set, Brass Movement; Lantern Pinions, American Lever Escapement; Polished Spring Encased in Barrel; Quick Train, 240 Beats per Minute; Short Wind and Runs from 30 to 36 Hours with One Winding. Heavy Bevel Crystal; Assorted Roman and Arabic Dials. Every Watch Tested and Regulated.

YANKEE
Plain Case.

	Each
No. 1N—Nickel Finish	$1.00
No. 1G—Gun Metal Finish	1.60

ECLIPSE
Plain Case, Milled Center

	Each
No. 2N—Nickel Finish	$2.00

JUNIOR
Plain Case, Thin Model

	Each
No. 3N—Nickel Finish	$2.50
No. 3G—Gun Metal Finish	2.50

MIDGET
Decorated Case; Ladies' Size

	Each
No. 0N—Nickel Finish	$2.50
No. 0G—Gun Metal Finish	2.50

Ingersoll Watches

No. 1N—Yankee	
No. 1G—Yankee	$1.66
	1.72
No. 2N—Eclipse	2.94
No. 5T—Triumph	1.90
No. 3N—Junior	3.66
No. 3G—Junior	3.78
No. 0N—Midget	3.66
No. 0G—Midget	2.78
No. 24—Assortment	97.36

TRIUMPH
Antique Bow and Crown; Frosted Nickel Finish Back Plate

	Each
No. 5T—Nickel Finish	$1 25

No. 24—INGERSOLL WATCHES

Assortment Consists of Thirty-six Watches, all the Big Sellers of the Ingersoll Line and Assorted in just the proportion to which they will Sell, and a Handsome Velvet Lined Wood Frame Fixture Holding Twelve Watches

	Sell For
12 Yankee, Nickel Finish	$12 00
2 Yankee, Gun Metal Finish	2 00
8 Eclipse, Solid Nickel	16.00
2 Eclipse, Gun Metal Finish	4.00
6 Junior, Solid Nickel	15.00
2 Junior, Gun Metal Finish	5.00
3 Midget, Solid Nickel	7.50
1 Midget, Gun Metal Finish	2.50
36	$64.00

The Fixture is Furnished Only with this Complete Assortment and Cannot be Obtained Separately. As this is an Introductory Offer, Only One Assortment will be Furnished to Each Customer

NOTICE.
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Kelley-How-Thomson Co. of Duluth

LATHING HATCHETS

HICKORY

Extra Quality, Solid Tool Steel, Carefully Tempered Bit and Head; Full Polished and Stamped; Ground and Sharpened Ready for Use; Selected Second Growth Hickory Handles, Thoroughly Seasoned; Special Care is taken to have Every Hatchet Hung Properly

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight Second Class)

Hickory

No. 105	$19.98
No 20	22.20
No. 40	22.20
No. 140	26.64
No. 41	25.54
No. 141	29.98

Genuine Underhill's

No. U1	$44.40
No. U2	39.96
No. U3	44.40
No. U4	48.84

ADZE EYE, BELL POLL

Round Head, Checks Cut with Milling Machines

No.	105
Width of Cut, In	2
Number of Scores	13
Weight Each, Oz.	13
Per Dozen	$14.50

PHILADELPHIA PATTERN

6¼ Points; Milled Head, 1⅝ in. Square

No.	20
Width of Cut, In.	2
Number of Scores	8
Weight Each, Oz.	13
Per Dozen	$16.00

CHICAGO PATTERN

8¼ Points; Milled Head, 1¾ in. Square

No.	40
Width of Cut, In.	2½
Number of Scores	9
Weight Each, Oz.	15
Per Dozen	$16.00 Per Dozen

No. 140—Oval Face, Otherwise same as No. 40. $18.00

ST. LOUIS PATTERN

10¼ Points; Milled Head, 1⅝ in. Square

No.	41
Width of Cut, In.	2½
Number of Scores	10
Weight Each, Oz.	17
Per Dozen	$18.00 Per Dozen

No. 141—Oval Face, Otherwise same as No. 41. $20.00

GENUINE UNDERHILL'S BOSTON STAR

Light, Strong and Rightly Balanced

Superior Quality Crucible Steel, Solid Forged Body and Bit, Carefully Tempered, Polished and Etched; Sharpened Ready for Use; Hardened Poll; Extra Full, Selected White Hickory Handles Shaped to Fit the Hand

BELL FACE

No.	U1
Width of Cut, In.	2
Rows of Scores	9
Weight Each, Oz.	19
Per Dozen	$27.00

CHICAGO

No.	U2
Width of Cut, In.	2
Rows of Scores	9
Weight Each, Oz.	19
Per Dozen	$34.75

ST. PAUL

No.	U3
Width of Cut, In.	2
Rows of Scores	9
Weight Each, Oz.	21
Per Dozen	$27.00

ST. LOUIS

No.	U4
Width of Cut, In.	2
Rows of Scores	10
Weight Each, Oz.	23
Per Dozen	$30.00

Half Dozen in a Box

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight Second Class)

Broad
No. WB2 ....$13.88
No WB3.... 15.54
No. WB4.... 17.76
No. WB5.. 19 98

Claw
No. WC1.. ..$11.10
No. WC2.. .. 11.66
No. WC3.. .. 12.21

Shingling
No. WS1.....$ 9.56
No WS2.... 10.22
No. WS3.... 11 10

Half
No. WH1.....$10.22
No. WH2.. .. 11 10

Lathing
No. WL1.....$ 9.56
No. WL2..... 10.22

HATCHETS

WOODLAND—Painted Blue, Polished Bit

Special Quality, Cast Steel Body; Solid Punched Box Eye; Crucible Forged Steel Bit, Extra Tempered; Sharpened Ready for Use; Hardened Steel Head; **Painted Blue, Polished Bit;** Second Growth Hickory Handle

BROAD OR BENCH

Size, Nos.	WB2	WB3	WB4	WB5
Width of Cut, In	4½	5	5½	6
Weight, Each, Lbs	1⅞	2⅛	2⅛	2⅞
Per Dozen	$11.50	13.00	14.50	16.50

CLAW

Size, Nos.	WC1	WC2	WC3
Width of Cut, In	3½	4	4½
Weight, Each, Lbs	1⅝	1⅞	1⅞
Per Dozen	$9.00	9.50	10.00

SHINGLING

Size, Nos	WS1	WS2	WS3
Width Cut, In	3½	4	4½
Weight, Each, Lbs.	1¼	1½	1⅝
Per Dozen	$8.00	8.50	9.00

HALF

Size, Nos.	WH1	WH2
Width Cut, In	3¼	3⅝
Weight, Each, Lbs	1⅜	1½
Per Dozen	$8.50	9.00

LATHING

Size, Nos	WL1	WL2
Width Cut, In	2¼	2½
Weight, Each, Lbs	⅞	1
Per Dozen	$8.00	8.50

All Above, Half Dozen in a Paper Box; Weights Given do not Include Handles

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

Dating May 1, 1916

AUTOMOBILE HORNS

"KLAXON"

The Standard Warning Signal; The Note is Carried Far Ahead in the Country; You Get Instant Attention and Action in Town

The Long Note—the kind you use in the Country, is Clear, Bugle-like and Great Carrying Power. It is Heard Around Bends, Under Culverts, Over Hill. The Automobilist Ahead Hears It, above his engine and the shifting of his gears. The Wagon-Driver Ahead Hears It, above the rumble of his wagon and the clatter of his horses' hoofs. With a Klaxon it is Unnecessary to Slow Down and Wait for the Vehicles Ahead to Turn Out—Your Share of the Road is Ready when you get there.

The Short, Sharp Note—from a Light Touch of the Button is called a "Tiger." In Town this is Enough. It is heard above the noise of traffic. It Penetrates the Thoughts of Careless, Absent-Minded Pedestrians. It can't go unheard. It can't be misunderstood. It's a True Warning.

The Projection is Made of Spun Brass and the Housing of Steel; Properly Proportioned and Beautifully Finished.

Electrically Operated by Pressing a Push Button which may be located either on the Steering Wheel or Fastened to the Floor.

Perfectly Insulated and Moisture-Proof.

The "Klaxon" is Electrically Operated by Push Button Contact, and is the Highest Grade Signal possible to buy.

The Klaxonet and Klaxet are Smaller Klaxons—Operating on the Same Principle.

The Hand Klaxon is not intended for cars having electricity, but for cars like the Ford that have no batteries or electric lighting system.

Eight Dry Batteries or a 6 to 8 Volt Storage Battery Will Give Current Required for Operating
Push Button and Sufficient Insulated Wire Furnished for Installing

KLAXON
Long Projection

	Each
No. L1—Black and Nickel Finish	$20.00
No. L3—All Black Finish	20.00

Short Projection

No. S4—Black and Nickel Finish	20.00

One in a Dove-tailed Wood Box; Weight Each About 9 Lbs.

KLAXONET
Long Projector

	Each
No. L5—Black and Nickel Finish	$15.00
No. L7—All Black Finish	15.00
Short Projector	
No. S8—Black and Nickel Finish	15.00

One in a Box; Weight Each About 6½ Lbs.

U. H. KLAXET
Long Projector

	Each
No. L11—All Black Finish	$6.00

One in a Dove-tailed Box; Weight Each About 4 Lbs.

HAND KLAXON

Operated by Pressure on Push Rod

With Regular Bracket	Each	With Side Bracket	Each
No. 12—Black and Nickel	$7.50	**No. 15**—Black and Nickel	$7.50
No. 14—All Black	7.50	**No. 17**—All Black	7.50

Weight Each About 6½ Lbs.

HAND KLAXONET

Operated by Slight Pressure; Projection is Brass; Oval Bell

	Each
No. 18—Black and Nickel	$4.00

Weight Each About 6½ Lbs.

HAND KLAXONET
Motorcycle Signal

Similar to the Automobile Hand Klaxonet except that it has a Short Projector and is Fitted with Special Attaching Brackets.

	Each
No. 19—Black and Nickel	$4.00
No. 20—All Nickel	4.00

Weight Each About 6½ Lbs.

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight, Double First Class)

Klaxon
1 to 11 in one shipment... ...List Plus 66.5%
12 to 50 in one shipment... ...List Plus 55.4%

NOTICE.
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APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight, First Class)

Leader
No. 14.....$1.22

Kazoo
No. 8.....$1.34

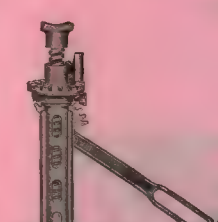
Leader
No. 7.....$1.68

Baby Standard
No 4.....$2.00

Standard
No. 1.....$3.34

DeLuxe
No. DL.....$10.00

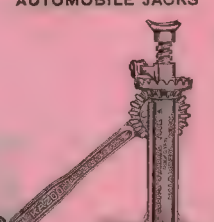
AUTOMOBILE JACKS



LEADER

An Excellent Jack for Small Cars such as the Saxon, Ford, Cycle Cars, etc.

No.	14
Capacity, Lbs	1500
Height, Screw Down, In.	9¾
Height, Screw Raised, In.	15¾
Weight, Lbs.	2¾
Each	$0.90



KAZOO

A very Quick-Acting Screw Jack. It is Reversed by tossing over pawl at the top. Steel Screw, with Machine Cut Threads

No.	8
Capacity, Lbs.	2000
Height, Screw Down, In	9¾
Height, Screw Raised, In.	17¾
Size of Screw	⅞
Weight, Lbs	5
Each	$1.10

LEADER

Well Made and Reliable. Suitable for All Cars of Medium Weight

No.	7
Capacity, Lbs.	1500
Height, Bar Down, In.	10
Height, Bar Raised, In.	16
Weight, Lbs.	4½
Each	$1.50

BABY STANDARD

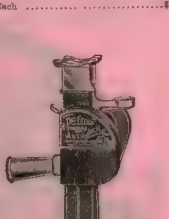
A thoroughly High-Grade Jack; Made of Selected Malleable Castings except the Rack Bar which is Solid Steel with Machine-Cut Teeth.

No.	4
Capacity, Lbs.	1000
Height, Bar Down, In.	10⅛
Height, Bar Raised, In.	16
Size of Rack Bar, In.	⅝x⅞
Weight, Lbs	6½
Each	$1.80

STANDARD

A Strictly High-Grade and Powerful Jack, suitable for the Heaviest and most Expensive Automobiles. Rear Bar is Steel with Machine-Cut Teeth, insuring the Smoothest and most Reliable Action.

No.	1
Capacity, Lbs.	2000
Height, Bar Down, In.	11½
Height, Bar Raised, In.	18
Size of Rack Bar, In.	1¼x1¾
Weight, Lbs.	9½
Each	$3.00



DE LUXE

The Finest and Most Desirable Jack ever offered, will meet every demand of the most exacting. The Gears are Cut from Solid Bar Steel; Teeth are Milled and Tempered; Lifts Load so Easily that a Child Can Operate it.

No.	DL
Capacity, Lbs.	2000
Height, Bar Down, In.	10-12
Height, Bar Raised, In.	18¾-18¾
Weight, Lbs.	11¾
Each	$9.00

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Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

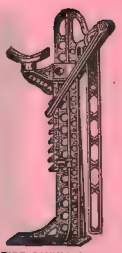
(Freight, First Class)

Tire Saving
Eureka $6.66

Weaver Twin Jacks
Regular (2 in set) $33.30
Regular (Single Jacks)..19.98
Extra Heavy (2 to set). 59.94
Extra Heavy (Single Jack) 33.30
Body Extension 14.22

Portable Steel Cranes
All Numbers. List Plus 66.5%

AUTOMOBILE JACKS



TIRE SAVING JACKS

The Advantage of using Storage Jacks, or Tire Savers, as they are called, is becoming more and more appreciated. The weight of a car for any length of time on a set of tires, either fully or partially inflated, does more damage to the tires in a month's time than the two sets of jacks would cost. In fact, the car should be relieved from the weight when standing only for a few days. Many relieve their Tires every night.

Made of Malleable Iron, Aluminum Finish; Height 18 in.; Base 6¾x6 in.; Handle 14 in. Long.

Per Set of Four

Eureka—Will Raise 2¼ in. with One Lift $6 00

WEAVER TWIN-JACKS

Triangle Shape

Takes the place of Tire Rests, Transporting Truck, Turntable and Lifting Jack. An Automobile can be turned around in a Circle in its own length; If the Garage is Small the Automobile can be driven in and by using these Jacks can be turned around and recessed to back out. The Leverage being 400 to 1, One Man can Manipulate the Heaviest Pleasure Car with Ease; 24 in. Wheel Base.

Style	Regular	Extra Heavy
Lifting Capacity, Lbs	4,000	8,000
Diameter of Wheels, In.	4½	7
Length of Handle, In.	26	34
Diameter of Screw, In.	1 1/16	1¼
Range of Lift, In.	9	9½
Weight Each, Lbs.	60	110
Per Set (One for Each Axle)	$20.00	36.00

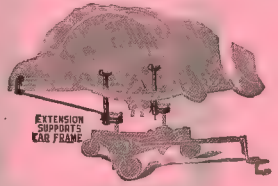
PORTABLE STEEL CRANES

A COMPLETE HOISTING AND CONVEYING MACHINE

For Garages, Factories, Machine Shops, Engine and Pump Factories, Granite Works, Electric Concerns, etc.

The Arms, Bed and the Housings and Base Castings are made of Best Grade Cast Iron, Strengthened by 20% Steel, Yoke, Hook, Axle and Fork are High Quality Drop Forgings, having Enormous Tensile Strength, The Chain Used is BBB Hand Forged; Wheels are on Roller Bearings.

No.	Height	Overhang	Capacity	Weight	Each
4	6½ ft	2½ ft	3000 Lbs.	500 Lbs.	$ 70 00
5	7½ ft	3 ft	4000 Lbs.	700 Lbs	85 00
6	8½ ft	3½ ft	5000 Lbs.	900 Lbs.	100.00



BODY EXTENSION

For Extra Heavy Auto Twin Jacks

This "Body Extension" is Designed to Attach Securely to the Raising Screws of the Weaver Extra Heavy Auto Twin-Jacks for the Purpose of Supporting an Automobile from the **Frame Baisters**, Instead of from the axle.

Dismantled Cars Can be Easily Moved with the body supported in this manner. Either or both axles may be removed and the car rolled to an out of the-way place in the shop while the necessary repairs are being made upon the axles. No more cars propped up on boxes obstructing the floor space in front of the Work Bench.

The Extensions can be Quickly Attached and Adjusted to Fit Any Width Frame from 24 to 36 in. The Height has a Convenient Pin Adjustment with a range of from 18 to 40 in.

The Clamps are Very Strongly Designed. The Inside Jaws of the Clamps are Threaded to Fit Snugly into the Threads of the Heavy Jack Screws so as to Prevent Slipping The Clamps are Securely Tightened by Heavy Nuts

Each

Body Extension, Complete; Shipping Weight 22 Lbs.....$8.00

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight First Class)

Stirrup Leathers

No. 56	$5.44
No. 57	7.00
No. 58	8.10

Saddle Strings

36 in.	$2.78
48 in.	3.90
60 in.	5.00
72 in.	5.56

Latigoes

No. 1	$24.42
No. 2	16.00

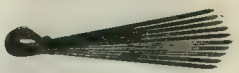
Spur Straps

No. 731	$13.32
No. 730	12.78
No. 734	7.56
No. 735	8.22

STIRRUP LEATHERS AND SADDLE STRINGS

Length 5 ft. 6 in., Double at Point

	Per Pair
No. 56—2 in.	$4.00
No. 57—2½ in.	4.60
No. 58—2¾ in.	5.60



Made of Latigo Leather

Length, In.	36	48	60	72
½ In. Wide, per Dozen	$1.80	2.36	3.00	3.60

LATIGOES

LONG

	Per Dozen
No. 1—1¾ in. by 6 ft.	$18.00

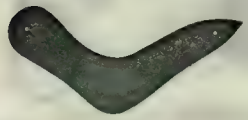
SHORT

	Per Dozen
No. 2—1¾ in. by 36 in.	$11.00

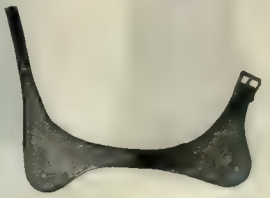
SPUR STRAPS

	Per Dozen Pairs
No. 731—Dakota	$11.00

	Per Dozen Pairs
No. 730—Mexican	$11.00



	Per Dozen Pairs
No. 734—Mexican	$5.60



	Per Dozen Pairs
No. 735—O. K.	$6.80

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Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight First Class)

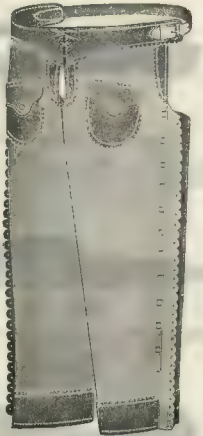
Chaparejos
No. 10.....$20.76
No. 12..... 22 20

Leather Cuffs
No. 741.....$26.64
No. 744..... 29.54

Lariats $2.34

CHAPAREJOS

Per Pair
No. 10—Oiled Chap Leather; Seamed Up Sides, with Fringe.$18.70

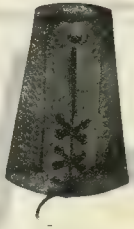


Per Pair
No. 12—Oiled Chap Leather; Laced Up Sides; Plaited Edge.$20.00

In Ordering Give Length of Inseam and Measure of Waist. An Extra Charge Will Be Made for All Chaparejo Over 32 in. Leg

LEATHER CUFFS AND LARIATS

Per Dozen Pairs
No. 741—7 in. Two Buttons.... $17 50



Per Dozen Pairs
No. 744—7 in. One Button and Laced $19.00

Each
⅞ in Fine Manilla Lariat, 40 ft. Long, with Brass Hoodes.....$1.90

NOTICE.
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APPROXIMATE NET PRICES

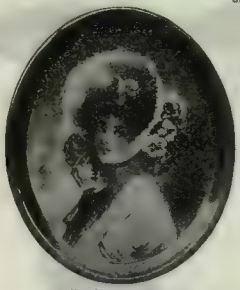
Subject to Change Without Notice

(Freight First Class)

Lithographed Trays
No. 30—Fruit..$0.56
No. 31—Nasturtium Girl ..... .56
No. 32—Butterfly Girl ..... .56
No. 33—Roses. .56
No. 34—Violets .56

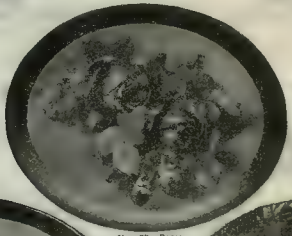
LITHOGRAPHED TRAYS

These Trays are Handsomely Lithographed in Colors; Very Artistic and Extremely Popular
SIZE 13⅜x16⅝ IN.

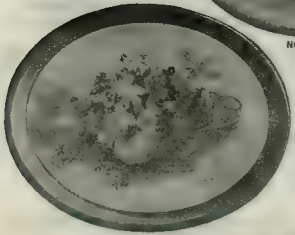


No. 31—Nasturtium Girl

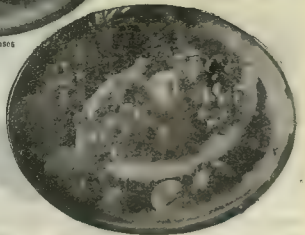
No. 32—Butterfly Girl



No. 33—Roses



No. 34—Violets



No. 30—Fruit

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

Nos.	31	32	33	34
Each	$0.50	.50	.50	.50
	Open Stock			

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight First Class)

Tip-Up Model
No. 41—
22 Cal.....$ 4.44

Diamond Model
No. 43—
22 Cal.. ...$ 7.78

Off-Hand Target Model
No. 35—
22 Cal....$12.22
No. 35—
25 Stevens
Cal. 12.22

New Model Target
No. 40—
22 Cal.—10 in. Barrel $15.54
No. 40—
22 Cal.—12 in. Barrel 16.32

NOTICE.
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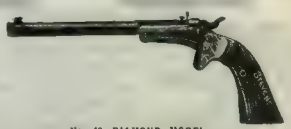
STEVENS PISTOLS

SINGLE SHOT

No. 41—TIP-UP MODEL

3½ in. Round Barrel; Octagon Breech, Blued Frame, Nickel Plated; Single Trigger; Plain Walnut Grip Stock, Newly Finished; Open Front Sight

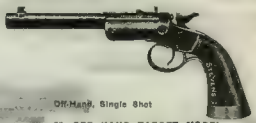
	Each
22 Caliber, R. F.; Weight, 7 Oz. Each	$3.00



No. 43—DIAMOND MODEL

6 in. Round Barrel, with Octagon Breech, Blued; Nickel Plated Frame; Single Trigger; Long Plain Walnut Grip Stock; Globe Front and Peep Rear Sights

	Each
22 Caliber, R. F.; Weight, 10 Oz. Each	$5.00



Off-Hand, Single Shot

No. 35—OFF HAND TARGET MODEL

6 in. Round Barrel, with Octagon Breech; Nickel Plated Hinged Frame; Single Trigger; Walnut Stock; Fitted with Sporting Rear and Bead Front Sights

	Each
22 Caliber, R. F.; Weight, 1 Lb. 6 Oz.	$7.50
25 Stevens Caliber, R. F.; Weight, 1 Lb. 6 Oz.	7.50

No. 40—NEW MODEL POCKET RIFLE

Round Barrel, with Octagon Breech; Nickel Plated Frame; Single Trigger; Plain Walnut Stock with Detachable Nickel Plated Skeleton Rest, Globe Front and Peep Rear Sights

	Each
22 Caliber, R. F.; 10 in. Barrel; Weight, 1¼ Lbs.	$10.50
22 Caliber, R. F.; 12 in. Barrel; Weight, 2 Lbs.	11.00

All Above, One in a Box, with Cleaning Rod

Kelley-How-Thomson Co. of Duluth

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight First Class)

Marble's Game Getter
No. A.....$29.98

Revolvers
Liberty—22 Cal. .....$ 2.78
Liberty—32 Cal. 3.12
Safety Hammer—32 Cal. 3.56
Safety Hammer—38 Cal. 3.56

MARBLE'S GAME GETTER GUN

Marble's Game Getter Gun Shoots All of These Cartridges

The Game Getter can be safely used with Smokeless Powder. The .22 and .44 Bullets shoot to the point blank range of 50 feet with sights set the same. There is very little recoil on account of .44 barrel being Cylinder Bored.

The Striker on Hammer is quickly set with the thumb for either barrel or at Safe. The Folding Stock locks automatically at any drop for which it is set. Is easily removed.

With the holster hung over shoulder and under coat the Game Getter is invisible, but can be speedily drawn and very handily used in one hand with stock hanging down or thrown to position. In either place the stock only aids in the balance of the gun.

This Gun is the Ideal Arm for the Fisherman, Motorist and Vacationist, and all classes of people whose business or pleasure calls them to the woods, fields or waters.

The Big Game Hunter with a Game Getter for a side arm secures with little noise and no mutilation the small game he runs across and enjoys target practice without the jar and expense of firing his heavy ammunition.

The Game Getter's utility, simplicity of construction, careful design, perfect safety, absolute reliability and superior accuracy are the qualities which are making it famous the world over.

SPECIFICATIONS

Barrels—Round, Blued, 12 in. **Frame**—Drop-Forged, Blued. | **Trigger**—Single. **Grips**—Rubber. | **Stock**—Steel Tubing, Nickeled. **Weight**—About 2¼ Lbs. | **Holster**—Finest Case Leather, Brown or Black

Each

No. A—22 Cal. Rifle Barrel and **44 Cal.** Smooth Barrel, 12 in. Long; Equipped with Marble's Flexible Rear Sight, Lock Leaf Sight, Ivory Bead Sight and Holster.....$18.00

One in a Cardboard Box

REVOLVERS

LIBERTY

Single Action, Solid Frame, Rubber Stock, Nickel Plated Finish

Each

22 Caliber, R. F., 2 in. Barrel; Holds 7 Shots.....$1.50
Weight 8 Oz. Each

32 Short Caliber, R. F., 2 in. Barrel; Holds 7 Shots..... 1.75
Weight 9½ Oz. Each

SAFETY HAMMER MODEL

Double Action, Solid Frame, Safety Hammer, Rubber Stock, Nickel Plated Finish

Each

32 S. & W. Cal., C. F., 3½ in. Barrel, Holds 6 Shots.....$3.00
Weight 16 Oz. Each

38 S. & W. Cal., C. F., 3½ in. Barrel, Holds 5 Shots..... 3.00
Weight 16 Oz. Each

NOTICE.
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Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight First Class)

"A" Grade
No. 31A—
20 gauge...$47.74
No. 30A—
20 gauge... 39.96

Kelley-How-Thomson Co. of Duluth

REPEATING SHOT GUNS

MARLIN

These Handsome, Well-balanced Light Weight Guns are Built Especially for Quick Handling in Upland Shooting—for Snipe, Partridge, Woodcock, Squirrels, Rabbits, etc. Handling Quicker they Cut Down the Range; Brings Down the Game Cleanly and Effectively. Has Weight Enough to Avoid Unpleasant Kick from Recoil yet is so light you can carry it all day long without inconvenience.

Stock Dimensions—13½ In. Long, 1⅛ In. Drop at Comb, 2½ In. Drop at Heel

No. 31A—HAMMERLESS

Take Down

Special Rolled Steel Barrel, with a Tensile Strength of over 86,000 Lbs. to the square inch; Breech-Bolt, Firing Pin and Other Important Parts are of Chrome Nickel Steel; Trigger is Tool Steel; Coil Springs are used.

Solid Top Receiver; Side Ejection, Matted Barrel, Press Button Cartridge Release; Double Extractors; Trigger and Hammer Safety; Automatic Recoil Safety Device; Solid Steel Breech; Simple Take-Down Construction.

Straight Grained Black Walnut Buttstock and Forearm, Handsomely Shaped and Finished; Genuine Rubber Butt Plate; Short, Neat Forearm; Short Magazine.

Each

20 Gauge, 25 Inch Barrel, Full Choke Bored; Holds 5 Shots; Weight About 5⅞ Lbs.....$27.75

Stock Dimensions—13½ In. Long, 2 In. Drop at Comb, 2⅛ In. Drop at Heel

No. 30A—WITH HAMMER

Take-Down

Special Rolled Steel Barrel, Nicely Tapered, Handsomely Matted on Top for its Entire Length; Blued Steel Frame; Action Parts Finest Quality Drop Forged Steel. The Action is Reliable, Simple and Easy to Operate; Stock and Fore-arm of Selected Walnut with Dull Oil Finish; Rubber Butt Plate. Short Neat Fore-arm; Short Magazine; Simple Take-Down Construction.

Each

20 Gauge, 25 Inch Barrel, Full Choke Bored; Holds 5 Shots; Weight 5⅞ Lbs.....$24 00

NOTICE.
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Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight First Class)

Seat Posts
No. P1.....$ 0.68

Handle Bar Stems
No. 2M.....$ 0.68
No. 92M .... .68

Tool Bags
No. 8 .....$ 6.12
No. 20 ..... 9.22
No. 3 ..... 8.32

Luggage Carriers
Chicago .....$ 4.00
Weeber 3.56
No. 0 Androck 9.44
No. 1 Androck 11.10
No. 5 ..... 14.44

SEAT POSTS

Seamless Steel Tubing, Drop Forged Top; Nickel Plated, with Expander

Each

No. P1—Size, 6½x3 in.; ⅞ in. Diameter $0.70

Weight, 18 Oz. Each

HANDLE BAR STEMS

High Grade Steel Tubing, Heavily Nickel Plated

Each

No. 2M—⅞ in. Hole for Bar; Length, 4¼ in., with Expansion; ⅞ in. Diameter. Forward Extension 2½ in.....$0.70

Weight, ¾ Lbs. Each

High Grade Steel Tubing, Heavily Nickel Plated

Each

No. 92M—⅞ in. Hole for Bar; Length, 4¾ in.; ⅞ in. Diameter $0.60

Weight, ¾ Lbs.

TOOL BAGS

Per Dozen

No. 8—Men's Oval Shape; Best Grade Grain Leather; Size 8x3¾ in. $3.00

Per Dozen

No. 20—Men's Triangular Shape; Best Grade Grain Leather; Length, 9 in.....$1.20

Per Dozen

No. 3—Women's Triangular Shape; Best Grade Grain Leather; Length, 8¾ in.....$6.00

LUGGAGE CARRIERS

CHICAGO

Combined Luggage Carrier and Stand

Made of Steel; Will Fit Any Bicycle, with or Without Mud Guards; Can be Attached in Two Minutes and will Safely Carry 100 Lbs.; The Stand Feature is Securely Attached and will safely support a bicycle and has sufficient strength to hold a man 175 lbs.

Each

Chicago—Length, 18 in.; Width, 12 in.; Depth, 5 in.....$3.25

WEEBER DELIVERY BASKET

Made of Hand Iron Specially Designed to Meet the Demand for a Carrier, used by Grocers and Meat Dealers for Quick Delivery.

Each

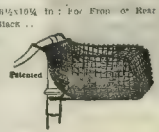
Weber Size, 16½x10¼ in.; For Front or Rear of Bicycle.. Enameled Black $3.40

ANDROCK

Made of Wire; Attached by Means of Strong Leather Straps; Cannot Jar Loose nor will it Scratch the Enamel or the Nickel; Adjustable to Any Length Hood.

Each

No. 0—Androck, Size 12x 8x4 in.....$0.90
No. 1—Androck, Size 18x10½x4 in.....1.00



Painted

No. 5—Made of Wire; Attached on Top of Handle Bars; Adjustable Front Door, which Drops Down and can be used as a Baby Carrier as well as Package Carrier.....$0.75

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

Kelley-How-Thomson Co. of Duluth

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

BICYCLE BELLS

NEW DEPARTURE

New Departure Bells are High Grade, Representing the Best Material, Workmanship and Finish Obtainable. The Special Bell Metal Used Gives a Tone that is Particularly Powerful, Penetrating and Pleasing

(Freight First Class)

Bicycle Bells

Leader Scorcher	$12.22
No. 332½B	8.88
No. 413	9.44
Leader Plain	2.66

Bell Assortments

Chime	$ 6.66
Zoo	5.00

Per Dozen

Leader Scorcher—2¼ in. Gong; Continuous Ringing Chime..$7.00

Per Dozen

No. 332½B—2¼ in. Gong; Rotary Electric Alarm..... $4.80

One-Twelfth Dozen in a Cardboard Box; One Dozen in a Carton; Weight per Dozen, About 6 Lbs.

Per Dozen

No. 413—2¼ in. Gong; Bristol Push Button.....$5.00

Per Dozen

Leader Plain—2¼ in. Gong; Rotary Electric Alarm.....$1.60

One-Twelfth Dozen in a Cardboard Box; One Dozen in a Carton; Weight per Dozen, About 6 Lbs.

BICYCLE BELL ASSORTMENTS

Each Bell in these Assortments is Made of High Grade Bell Metal, Handsomely Finished in Heavy Nickel, and has the Improved Operating Mechanism

THIS HANDSOME STAND FREE WITH FOUR DOZEN BELLS

This Stand is Finished in Ebony Black Enamel, with Brilliantly Colored Center Piece and Rubber Feet. Stands 15 Inches High, and Shows Bells in Position for Ringing. This Stand given Free with Four Dozen Bells—Either Assortment.

TWELVE BELLS, TEN DESIGNS

Per Assortment

Chime—Consists of **Twelve Bells** of the Following Designs: 1 Leader Scorcher, 2½ in. Gongs; 1 Leader Chime, 2¼ in. Gongs; 1 No. 85C Chime, 2¼ in. Gongs; 3 Leader Plain, 2¼ in. Gong; 1 No. 312B, 2¾ in. Gong; One No. 413AF, 2¾ in. Gong; 1 No. 312AF, 2¾ in. Gong; 1 No. 332½B, 2¼ in. Gong; 1 Leader Fancy, 2¼ in. Gong; and 1 No. 9 Double Stroke, 2 in. Gong.. .....$7.20

TWELVE BELLS, EIGHT DESIGNS

Per Assortment

Zoo—Consists of **Twelve Bells** of the Following Design: 1 Serpent Design, 2⅝ in. Gong; 3 No. 312 American Flag, 2¾ in. Gong; 1 Turtle Design, 2⅜ in. Gong; 2 Fleur-de-lis, 2⅜ in. Gong; 2 No. 332B, 2⅜ in. Gong; 1 Fox Design, 2⅜ in. Gong; 1 Jewel Design, 2⅜ in. Gong; and 1 Cherub Design, 2⅜ in. Gong.. .....$4.80

Packed One Dozen Bells in a Cardboard Container; Average Weight per Dozen, About 4½ Lbs.

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Dating May 1, 1916

APPROXIMATE NET PRICES

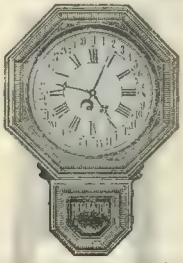
Subject to Change Without Notice

(Freight First Class)

Office Clocks
Aerial $8.34

Engine Room Clocks
Wood Lever.. $6.66
Canton 6.66

OFFICE CLOCKS



Quartered Oak Case, Highly Finished; Height 25 In.; 12 In. White Dial, Roman Figures

Each

Aerial—Eight Day Time with Calendar $6 00

ENGINE ROOM CLOCKS

For Engine Rooms, Vessels, Shops, etc

WOOD LEVER

Eight Day Time, Seconds Hand, White Dial, Roman Figures, Brass Case and Bezel, 8 In. Diameter at Back $5 50

Weight 5½ Lbs. Each

CANTON

Eight Day Time, Seconds Hand, White Dial, Roman Figures, Brass Case and Bezel, 8 In. Diameter at Back $5 00

Weight 4 Lbs. Each

One in a Pasteboard Box

NOTICE.
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APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight First Class)

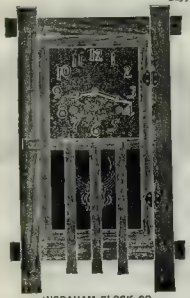
Mission Clocks
San Jose.....$5.56
Santa Clara... 7.29

Mantel Clocks
No. 100.....$5.00
No. 200..... 5.56

School House Clocks
Woodland $9.12

MISSION CLOCKS

Oak Case, Flemish Finish; Glass in Door and Lattice Work; 8 in. Dial with Brass Figures and Hands; Oxidized Hinges and Catch; Eight Day; Half Hour Strike; Cathedral Gong



INGRAHAM CLOCK CO.

Each

San Jose—Height 20¼ in., Width 12 in.....$4.50

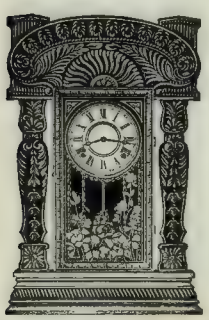
NEW HAVEN CLOCK CO.

Santa Clara—Height 20¼ in., Width 11¾ in.....

Six in a Case; Weight 100 Lbs.

OAK MANTEL CLOCKS

Ocean Design



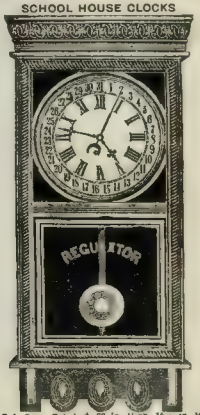
Oak Case, Height 22¾ in., 6 in. White Dial; Eight Day, Half Hour Strike on Wire Bell

Each

No. 100—Without Alarm $4.00
No. 200—With Alarm 4.59

Packed Assorted 6 in a Case, 2 of Each Pattern

SCHOOL HOUSE CLOCKS



Quartered Oak Case, Polished, 39 in. High, 15⅝ in. Wide; Glass Door; 12 in. White Dial, Roman Figures Each

Woodland—Eight Day Time with Calendar.....$7.50

One in a Case; Weight About 29 Lbs. Each.

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Kelley-How-Thomson Co. of Duluth

OSGOOD HAY AND WAGON SCALES

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight Second Class)

Hercules

No. 250	$88.80
No. 260	97.68
No. 262	103.24

Challenge

No. 75	$67.72
No. 80	75.48
No. 85	83.26
No. 90	99.90

Double Beam, 8x14 ft. Platform, 2 ft. from Beam Rod to Platform Edge, Four Direct Levers, running from the corners to Beam Rod, each swinging independent of the others, without binding or interfering.

The Bearings are Forged Iron, Steel Cushion lined, Knife edges of Tool Steel, all protected from dirt and water. Polished heavy Brass Beam, standard size Box. Parts are interchangeable and can be replaced without endangering accuracy of Scale.

Guaranteed Against Imperfect Workmanship or Material

HERCULES

Steel Lever Construction

Tee Steel Levers, Strong and Rigidly Trussed, each Tested and Sealed to Double its Capacity.

Nos.	250	260	262
Tons Capacity	3	4	5
Each	$71.00	78.00	83.00

CHALLENGE

Wood Lever Construction

The Wood Levers are not Furnished. When Oak or White Pine are used, the Levers will outlast the frame. Each Stirrup is Tested and Sealed to Double its Capacity.

Nos.	75	80	85	90
Tons Capacity	3	4	5	6
Each	$54.00	60.00	68.00	80.00

GENERAL CONSTRUCTION.

The scale can be built on top of the ground, or with a shallow pit six or ten inches deep or with a full depth pit. When built according to our directions, which are very simple, the scale will weigh accurately and sensitively and is guaranteed to be United States Standard.

Double Beams are graduated in two pound notches to 500 pounds on each bar.

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Dating May 1, 1916

APPROXIMATE NET PRICES

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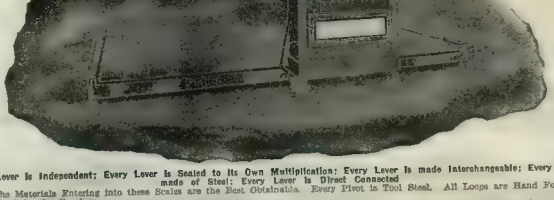
(Freight Second Class)

Osgood
No. 728.....$166.50
No. 828..... 144.80

Kelley-How-Thomson Co. of Duluth
PITLESS WAGON SCALES
OSGOOD

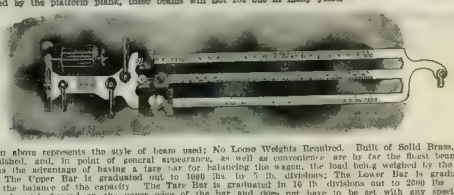


Every Lever is Independent; Every Lever is Sealed to Its Own Multiplication; Every Lever is made Interchangeable; Every Lever is made of Steel; Every Lever is Direct Connected

The Materials Entering into these Scales are the Best Obtainable. Every Pivot is Tool Steel. All Loops are Hand Forged and Steel Lined in the Bearings.

The Levers are Solid Steel Bars with Heavy Steel Pivots, fitted through the bars by a special process, making the most solid, compact and indestructible lever ever made. The Unique feature about these levers is the plan for connecting them together in the center in the least possible space vertically and still give each separate lever the desired amount of freedom; at the same time having every connection made on the center line of its respective lever. These are the points where all the other Pitless Scales have failed and it is the secret of their inaccuracy where you come to a careful and scientific list.

The Platform is suspended from the lever pivots, the only practical method of connecting a platform to its bearings. The Floor Beams are of Steel and to each is to be bolted a 3x5 inch stick to which the platform planks are spiked. Steel Beams, Bolts and Washers are furnished. These Floor Beams rest on steel bearing beams. They are not hung direct from the platform bearing loops as is so frequently done and which requires special castings that have to be bolted on the end of floor beams, and which are sure to come loose in time. The Floor Beams may also be used wholly of wood: Being suspended with free circulation of air all round and covered by the platform plank, these beams will not rot out in many years.



The Illustration above represents the style of beam used: No Loose Weights Required. Built of Solid Brass, Heavy and Substantial; Highly Polished, and, in point of general appearance, as well as convenience are by far the finest beams on the market. This Beam has the advantage of having a tare bar for balancing the wagon, the load being weighed by the use of the Lower and Upper Poises. The Upper Bar is graduated out to 1000 lbs. by 5 lb. divisions; The Lower Bar is graduated in 1000 lb. notches to make up the balance of the capacity. The Tare Bar is graduated in 10 lb divisions out to 2000 lbs. The Lower Poise drops into a V-shaped notch formed on the upper edge of the bar and does not have to be set with any special care.

Beam Boxes are made from white pine substantially built. The can is beveled and moulded. The Beamboard is beveled on top so as to shed the water. Each box is furnished with a heavy paneled door trimmed with a good cupboard lock and heavy hinges. Painted in two coats of the best white lead and oil.

CLOSED STEEL FRAME

The Frame is Constructed of Solid Steel Channels 8 in. High for the End Sections and Heavy Steel Angles for the Sides; These are Strongly Bolted together at the Corners and form a Very Rigid Frame that will last a life-time.

Each

No. 728—Capacity 5 Tons; Size of Platform 14x8 ft.....$160.00

Shipping Weight 1365 Lbs.

CONCRETE AND STEEL FRAME

There is only one thing better than steel in a scale frame and that is concrete. With the Edges Protected by Steel, so as to prevent chipping off with constant travel, it is the ideal construction.

The only objection there has been to the use of concrete for a scale frame has been the fear in the mind of the buyer that he would not get the forms up right, and that parts to be set in the forms, located right. These points we have made certain and simple by our special construction and by our plan of sending you the forms with the metal parts all set, so that all you have to do is to place these forms on the ground and ram in your concrete.

The packing boxes used in shipping the scale are utilized for these forms, so that no lumber or labor is wasted on our part in furnishing you this outfit.

This is one of the most important inventions in wagon scale construction for many years, for it brings the price of the pitless scale within the reach of everyone, and provides a foundation and frame work that will last a life-time without any repairs.

Each

No. 828—Capacity 5 Tons; Size of Platform 14x8 ft.....$135.00

Shipping Weight 1125 Lbs.

Complete Directions and Plans for Erecting Accompany Each Scale

NOTICE.
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APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight Second Class)

Pincers
No. 52—12 in. $10.10
14 in. 11.88
No. 20 ..... 29.30
No. 20A 26.64
No. 31 ..... 19.98

Hickory
No. 12H $23.32
No. 14H 27.76

Heller's
No. 24A $29.80
No. 24 ..... 35.20

Wagner and Lowe
No. 13 .....$39.96

P. S. & W.
No. 132 ....$13.88
No. 134 .... 16.54

Hoof Shear
No. 81—12 in. $59.40
14 in. 62.16

Champion
No. 91 .....$ 3.34

NOTICE.
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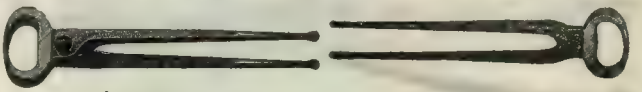
FARRIERS' PINCERS

No. 52—Wrought Iron, Polished Steel Jaws

Length, In.	12	14
Per Dozen	$17.00	19.00

One-Third Dozen in a Box



HELLER'S
Solid Cast Steel, Polished Jaws

Nos.	20	20A
Length, In.	14	16
Per Dozen	$24.00	30.00

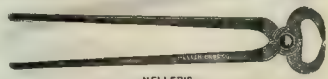
Quarter Dozen in a Box

HELLER'S
Solid Cast Steel, Polished Jaws

Nos.	21
Length, In.	18
Per Dozen	$18.00

Half Dozen in a Box

FARRIERS' NIPPERS



HICKORY
Hickory—Solid Cast Steel, Full Polished

Nos.	12H	14H
Length, In.	12	14
Per Dozen	$24.00	28.80

Half Dozen in a Box

HELLER'S
Heller's Solid Cast Steel, Full Polished

Nos.	24A	26
Length, In.	12	14
Per Dozen	$24.00	28.80

Half Dozen in a Box

WAGNER AND LOWE
Made of Best Tool Steel; Simple, Light and Strong. Will Nip into a Smooth Surface

No.	13
Length, In.	13
Per Dozen	$42.00

Half Dozen in a Box

P. S. & W.
Forged Steel, Polished Jaws. Bearings P. S. & W. Co.'s Guaranteed Trade Mark

Nos.	132	134
Length, In.	12	14
Per Dozen	$11.00	12.00

Packed One-Sixth Dozen in a Box

CHAMPION
Drop Forged of Alloy Steel; Web Construction of Handles gives stiffness which insures easy cutting

No.	91
Length, In.	13
Weight Each, Oz.	36
Per Dozen	$32.00

Half Dozen in a Box

HOOF SHEAR
No. 81—Drop Forged Tool Steel; Interchangeable Knives; Ball Bearing Joint; Finish and Workmanship unexcelled

Length, In.	12	14
Per Dozen	$53.34	56.00

Packed One in a Box

	Per Dozen Pairs
Extra Knives for either Size	$15.00

Knives are "right" and "left" and packed Six Pairs in a Box

Dating May 1, 1916

APPROXIMATE NET PRICES

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(Freight Second Class)

Hickory
12 in. $22.32
14 in. 27.76

No. 23A $29.30
No. 23 ..... 35.08

Giant
No. 52.....$45.36

Easy $33.36

No. 18.....$31.92

No. 29 .....$31.98
No. 30 ..... 31.98

FARRIERS' TOOLS

HOOF PARERS

HICKORY

Solid Cast Steel, Full Polished

Length, In.	12	14
Per Dozen	$24.00	$28.80

Half Dozen in a Box

HELLER'S

Heller's Solid Cast Steel, Full Polished

Nos.	23A	23
Length, In.	12	14
Per Dozen	$24.00	$28.80

Half Dozen in a Box

Adjustable and Detachable Knife Jaw

No. 52—GIANT HOOF PARERS

Per Dozen

Jaws Open 1¼ in., with Handle Movement of 5½ in., and can be Operated with One Hand. The Giant is not Clumsy, and Will Not Tangle with Other Tools in the Box. Makes a Straight Incision into Hoof. It Cuts Readily at First, Showing and Giving More Leverage as the Hard Shell of the Hoof is Reached. It is Simple in Construction, Having but Four Parts, All of Which are Interchangeable; Weight 2 Lbs. Each.....$40.00

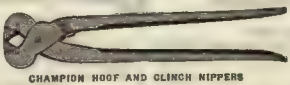
One in a Box

EASY HOOF TRIMMERS

Hold the Foot in the ordinary manner and remove soft parts from bottom with your toe knife; then with the Trimmer begin at the heel and cut down and around the toe and back on the other side, removing the part at one cut and in one piece. Avoid all wrenching or prying. Hold the tool as near upright as you can. Cut straight through to the blank jaw regardless of nails or other obstructions and with very little leveling with the knife or rasp, your job is complete.

Per Dozen

Easy Hoof Trimmer—12 in. Long, Jaw Opens 2 in., Cuts 1 in., Weight 2 Lbs.....$36.00



CHAMPION HOOF AND CLINCH NIPPERS

Solid Cast Steel, Full Polished

Per Dozen

No. 18—12 in. Long, Adjustable Jaw.....$24.00

Half Dozen in a Box

CHAMPION CLINCH TONGS

14 in. Long, Solid Cast Steel, Highly Polished

Per Dozen		Per Dozen
No. 29—Round End.....$26.40	No. 29—Straight End.....	$36.00

Especially Useful on Colts and Nervous Horses

Quarter Dozen in a Box

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

AUTOMOBILE CLOCKS

PINNEY-WALKER KEYLESS CLOCKS

Pinney-Walker Keyless Auto Clocks are Handsome in Appearance and are Especially Adapted to Withstand the Hard Usage and Vibration of Automobile Travel. The Necessity of a Key is entirely done away with. To wind clock, simply turn the bezel once a week to the right. By reason of its double case—the movement being enclosed in an inner case—the clocks are rendered both Dust and Moisture Proof. Clocks are Fastened to Dash from Inside of the Case and Locked.

COWL FLUSH TYPE

Specially Adapted for the Cowl Dash, Made to be Countersunk, so as to Project just Far Enough to be Wound

	Each
No. 9—Dial 2¾ in., Base 3 in., Cowl Ring 3¾ in.; Black and Nickel Finish	$1 00
No. 7—Dial 2¾ in., Base 3 in., Cowl Ring 3¾ in.; Black and Nickel Finish	9.50
No. 12—Dial 2¾ in., Base 2½ in., Cowl Ring 3¾ in.; Black and Nickel Finish	9.00

No. 9 Clock has Special Dial

MODEL "M"

Brass Case Offset for Dash with Flared Base. Case Screws to Dash from Inside. Handsomely Finished

This is One of the Handsomest Motor Clocks Made, a Very Reliable Timekeeper, and Meets the Demand for those who want a Good Clock at a Reasonable Price; 2¼ in. Dial

Model "M" Jr.—Rim Wind and Rim Set

	Each
No. MB—Black and Nickel Finish	$9.00

COWL CLOCK

This Model is Designed to be Countersunk in the Dash and is the Most Popular Low Priced Cowl Clock on the Market. Face is 2¾ in.

Attached Key Wind and Set

	Each
No. FB—Black and Nickel Finish	$1 00

NEW ORMOND

Movement Fine Quick Beat, Eight Day Time Piece with Second Hand; Height 4 in., Width 4 in., Dial of Porcelain, 3 in. Diameter.

8 Day Movement; Key Wind and Key Set

	Each
No. NOA—Black Enamel Finish	$7 00
No. NOB—Nickel Plated	7 00

F. & D. STEERING WHEEL CLOCKS

This is the Very Newest Clock for Ford and Dodge Cars

Sets on Top of Steering Column; No Bolts or Screws Needed to Attach; Simply Raise the Nut on Steering Column, Slide in Clock and Screw Nut Tight

	Each
Model F and D	$3 00

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight, Double First Class)

Cowl Flush Type
No. 9.....$13.32
No. 7.....13 88
No. 12.....12.78
Model "M"
No. MB.....$12.78
Prisco Cowl
No. FB.....$3.90
New Ormond
No. NOA.....$9.44
No. NOB.....9.44
Steering Wheel
Model F. & D.$3.34

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight Second Class)

Conductors' Punches
No. 2585.....$20.64
No. 1111..... 8.10
No. 1..... 28.86
No. 10..... 4.44

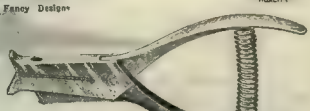
Spring Punches
No. 18H.....$13.32
No. 20..... 10.00
No. 10..... 4.44

Extra Tubes
All Sizes 1.62

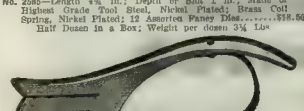
CONDUCTOR'S PUNCHES

Dies Assorted, Fancy Designs

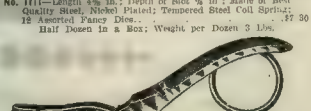
Especially Constructed for Hard and Continuous Usage, and is Preferred by the Street Railway Companies Per Dozen
No. 2585—Length 4¾ in.; Depth of Slot 1 in.; Made of Highest Grade Tool Steel, Nickel Plated; Brass Coil Spring, Nickel Plated; 12 Assorted Fancy Dies.....$18.50
Half Dozen in a Box; Weight per dozen 3¼ Lbs.



Especially Adapted for Use in Restaurants, at Card Parties, etc. Preferred by the Street Railway Companies Per Dozen
No. 1111—Length 4¾ in.; Depth of Slot ⅝ in.; Made of Best Quality Steel, Nickel Plated; Tempered Steel Coil Spring; 12 Assorted Fancy Dies.....$7.30
Half Dozen in a Box; Weight per Dozen 3 Lbs.



Nickel Plated and Polished Heavy Steel Frame; Tempered Tool Steel Dies and Punches; Nickel Plated, Coiled Tempered Steel Wire Spring; Closely Fitted.
Per Dozen
No. 1—Length 4 in.; Depth of Slot 1¼ in.; Assorted Fancy Dies $36.00
One in a Box; Weight per Dozen 3 Lbs.
One Dozen in a Box; Weight 7½ Lbs. per Dozen



SINGLE TUBE

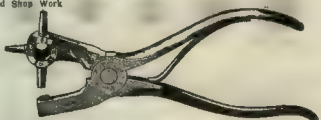
Full Polished Cast Steel Frame, Length 7⅛ in.; Tempered Tool Steel Drive Tube; Flat Steel Spring, Riveted to Handle; Copper Plug; Removable Drive Tube. Per Dozen
No. 10—Assorted Tubes, Nos. 8 and 9 in a Dozen.....$6.00

SPRING PUNCHES

For Belt and Shop Work

HICKORY

Highly Polished, Forged Steel Frame; Length 8¾ in.; Knurled Handles; Bited Steel Spring and Tubes; Brass Plug; Removable Drive Tubes. Per Dozen
No. 18H—Four Tubes; Sizes Nos. 6, 7, 8 and 9 on Each Punch $18.00
One in a Box; Weight per Dozen 12 Lbs.



SPRING REVOLVING

Full Polished, Cast Steel Frame, Length 6 in.; Lap Joint Solid Steel Turret; Tempered Flat Steel Spring, Riveted to Handle; Tempered Tool Steel Tubes; Copper Plug; Removable Drive Tubes. Per Dozen
No. 20—Four Tubes; Sizes 4, 6, 8 and 18 on Each Punch..$16.00
Half Dozen in a Box; Weight per Dozen 10 Lbs.

PARAGON

Nickel Plated and Polished Stamped Steel Frame; Tempered Tool Steel Plunger; Tempered Steel Wire Spring; Tempered Steel Ticket Remover. Per Dozen
No. 10—Length 5 in.; Depth of Slot 1 in.; Assorted Fancy Dies $7.00
One Dozen in a Box; Weight per Dozen 2 Lbs.

PUNCH TUBES

Extra Quality, Polished and Tempered Tool Steel

Nos.	3	4	5	6	7	8	9
Per Dozen	$1.50	1.50	1.50	1.50	1.50	1.50	1.50

One Dozen in a Package

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

Kelley-How-Thomson Co. of Duluth

REMINGTON AUTO-LOADING RIFLES

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight First Class)

No. 8A—STANDARD GRADE; "TAKE DOWN"

All have 22 in. Round Steel Barrel, Fitted with Open Sporting Rear and Bead Front Sights; Blued Receiver and Magazine; Walnut Forearm and Straight Grip, Shotgun Butt Stock, Rubber Butt Plate; 3 Cartridge Clips Supplied with Each Rifle

		Each			Each
25	Autoloading Caliber, C. F	$30.00	Extra Cartridge Clips, for 25 Caliber		$0.10
30-30	Autoloading Caliber, C. F	30.00	Extra Cartridge Clips, for 30-30 Caliber		.10
32	Autoloading Caliber, C. F	30.00	Extra Cartridge Clips, for 32 Caliber		.10
35	Autoloading Caliber, C. F	30.00	Extra Cartridge Clips, for 35 Caliber		.10

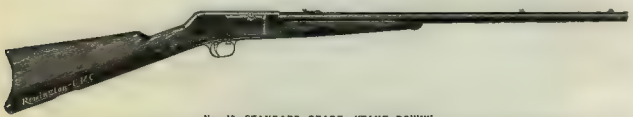
Weight, About 7¾ Lbs. Each

No. 8C—SPECIAL GRADE; "TAKE DOWN"

Selected English Walnut, Straight Grip and Fore-End Handsomely Checkered; Otherwise Same as No. 8A, Shown Above

		Each
25	Autoloading Caliber, C. F., Factory Shipments Only	$40.00
30-30	Autoloading Caliber, C. F., Factory Shipments Only	40.00
32	Autoloading Caliber, C. F., Factory Shipments Only	40.00
35	Autoloading Caliber, C. F., Carried in Stock at Duluth	40.00

Other Grades Furnished Promptly from Factory



No. 16—STANDARD GRADE; "TAKE DOWN"

22 in. Round Steel Barrel, Fitted with Adjustable Straight Bar Rear Sight and White Metal Bead Front Sight; Solid Breech; Tube Magazine; American Walnut Stock and Forearm; Steel Rifle Butt Plate

		Each
22	Automatic Caliber, R. F., Magazine Holds 15 Cartridges	$30.00

Weight About 6¾ Lbs.

Model 8A
25 Caliber....$61.84
30-30 Caliber. 61.84
32 Caliber.... 61.84
35 Caliber.... 61.84
Extra Cartridge Clips ..... .20

Model 8C
25 Caliber....$73.94
30-30 Caliber. 73.94
32 Caliber.... 73.94
35 Caliber.... 73.94

Model 16
22 Caliber-
R. F.....$33.96

NOTICE.
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Kelley-How-Thomson Co. of Duluth

Dating May 1. 1916

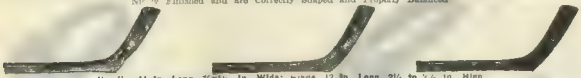
APPROXIMATE NET PRICES

Subject to Change Without Notice

HOCKEY STICKS

"SALYERD'S" CANADIAN STICKS

These Sticks are Made from the Most Carefully Selected, Straight Grained, Canadian Second Growth Rock Elm, Thoroughly Seasoned Nicely Finished and are Correctly Shaped and Properly Balanced



Handle, 44 in. Long, 7/8x1 1/8 in. Wide; Blade, 12 in. Long, 2 1/4 to 2 1/2 in. High

	Each
No. 1—Special Beveled	$1.25
No. 2—Special Right Hand	$1.25
No. 3—Special Left Hand	$1.25

Handle, 44 in. Long, 7/8x1 1/8 in. Wide; Blade, 12 in. Long, 2 1/4 to 2 1/2 in. High

	Each
No. 4—Grooved Handle, which prevents the Player's Hands from Slipping (like cut)	$1.50
No. 5—Genuine Mic-Mac; Selected Straight Grained, Yellow Birch, Correctly Shaped and Properly Balanced	1.50

Practice Stick, with a Beveled Blade, Used as a Practice Stick, Will Stand Considerable Rough Usage

	Each
No. 7—Standard XX Plain Hockey Sticks	$0.75

BOYS

Handle, 38 in. Long; 1 1/16x3/4 in. Thick; Blade, 10 in. Long, 2 in. High

	Each
No. 9—Boys; Will Stand Plenty of Hard Usage	$0.50

POLO STICKS

	Per Dozen
No. X1—Special; Selected Second Growth Hickory, Nicely Finished. Weight per Dozen About 10 Lbs.	$6.00
No. X3—Selected Second Growth White Mountain Ash, Oil Finish. Weight per Dozen About 9 Lbs.	3.00
No. X4—Boy's Size, Regulation Pattern; Selected White Ash, Oil Finish. Weight per Dozen About 4 Lbs.	1.20

HOCKEY PUCKS

Best Quality Black Rubber; Regulation Size 3 in. Diameter, 1 in. Thick

	Each
No. 1—Official, Regulation Size and Weight	$0.50
No. 2—Practice, Regulation Weight and Size	.35

TOBOGGANS

HICKORY

Made of Rock Elm and Hard Maple, finished in Natural Wood, with One Coat of Shellac and One Coat of Varnish on top. The Middle and Two Outside Slats are Thicker than the other four. This adds greatly to the strength of the toboggan, and as it decreases the running surface on an level slide it will increase the speed and also make it a great deal easier to steer in the snow. Supplied with ½ in. Cotton Rope, fastened with Leather Loops.

Length, Ft.	4	5	6	7	8	9	10
Weight, Lbs.	12	13½	15½	19	25	27	31
Each	$6.00	7.50	9.00	10.00	12.00	13.50	15.00

Packed Two in a Bundle

(Freight Second Class)

Price per Doz.

Hockey Sticks

No. 1	$13 32
No. 2	13 32
No. 3	13.32
No. 4	14.44
No. 5	13.88
No. 7	8.34
No. 9	3 56

Polo Sticks

No. X1	$7.78
No. X3	2.66
No. X4	1.34

Hockey Pucks

No. 1	$6.66
No. 2	4.44

(Freight Double First Class)

Priced Each.

Toboggans

Hickory

4 Ft.	$ 6.22
5 Ft.	7.78
6 Ft.	9 32
7 Ft.	11.10
8 Ft.	12.44
9 Ft.	14.00
10 Ft.	15.54

NOTICE. Net Prices Apply—per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

CROSS CUT SAWS

HENRY DISSTON & SONS

Made of the Best Grade Crucible Spring Steel, Perfectly Tempered in Oil, Carefully Sharpened and Set; Polished and Etched; Ground to an Even Gauge Throughout the Tooth Edge, with a Relative and Uniform Thickness Throughout the Body to a Thin or Extra Thin Edge at Back Edge, Giving the Saw a Maximum Amount of Clearance Without Sacrificing its Elasticity and Stiffness.

VIRGINIAN

14 Gauge at Cutting Edge, 20 Gauge at Back of Saw; Two Cutting Teeth to Each Raker

Length, Feet	6	6½
Width at Center, In.	7¼	7⅞
Weight Each, Lbs.	4	5
Each, Without Handles	$6.30	7.10

SUWANEE

14 Gauge at Cutting Edge, 20 Gauge at Back of Saw; Four Cutting Teeth to Each Raker; Deep Gullets

Length, Feet	6	6½
Width at Center, In.	7¼	7⅞
Weight Each, Lbs.	4	5
Each, Without Handles	$6.30	7.10

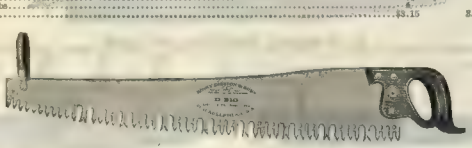
ONE-MAN SAWS

Made of High Quality Crucible Steel; The Hardening, Tempering, Hammering, Grinding, Tensioning, Blocking, Setting and Sharpening are all done on Scientific Principles that make the Saws Capable of Standing all Necessary "Thrust" Pressure Without Buckling, and at the same time, Easy, Rapid Cutters. Selected, Thoroughly Seasoned Hardwood Handles, with Extra Large Grip; Four Brass Screws.

No. D10—TWO CUTTER

Disston's Skewback Saws are Ground Thin Towards the Back, Narrower in Width than Regular One-Man Saws; Teeth Long and Slim, Extra Wide Gullets, Rakers Special Shaped with "Undercut" for Clearance; Four inch Blank Butt

Length, Feet	3½	4	4½
Weight Each, Lbs.	4	5	6
Each	$3.15	3.60	4.05



No. D210—ESPECIALLY ADAPTED FOR CUTTING CEDAR

Skewback Blade, Ground Thin Towards the Back, Narrower in Width than Regular Saws; Teeth are Long and Slim, with Extra Wide Gullets; The Rakers are of Special Shape, with "Undercut" which will clear to much better advantage than ordinary rakers in this class of work.

Length, Feet	3	3½	4	4½	5
Weight Each, Lbs.	3½	4	5	6	7
Each	$2.70	3.15	3.60	4.05	4.50

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight Second Class)

Virginian

6 Ft.	$7.86
6½ Ft.	9.00

Suwanee

6 Ft.	$7.86
6½ Ft.	9.00

No. D10—Two Cutter

3½ Ft.	$4.00
4 Ft.	4.55
4½ Ft.	5.12

No. D210—Cedar

3 Ft.	$3.42
3½ Ft.	4.00
4 Ft.	4.56
4½ Ft.	5.12
5 Ft.	5.72

NOTICE. Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight Second Class)

No. 13—Champion Tooth

4½ Ft.	$5.44
5 Ft.	6.48
5½ Ft.	7.70
6 Ft.	8.90
6½ Ft.	10.26

No. 22—Perforated Lance Tooth

4½ Ft.	$5.44
5 Ft.	6.48
5½ Ft.	7.70
6 Ft.	8.90
6½ Ft.	10.26

No. 113—Felling

4½ Ft.	$5.44
5 Ft.	6.48
5½ Ft.	7.70
6 Ft.	8.90
6½ Ft.	10.26

No. 223—Monarch, Perforated Lance Tooth

3 Ft.	$4.54
3½ Ft.	5.28
4 Ft.	6.04
4½ Ft.	6.80
5 Ft.	7.56
5½ Ft.	8.30

No. 112—Champion Tooth

3 Ft.	$2.78
3½ Ft.	3.22
4 Ft.	3.70
4½ Ft.	4.38
5 Ft.	4.62
5½ Ft.	5.06

No. 224—Perforated Lance Tooth

3 Ft.	$2.98
3½ Ft.	3.46
4 Ft.	3.96
4½ Ft.	4.44
5 Ft.	4.96
5½ Ft.	5.44

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by Line on Page.

CROSS CUT SAWS

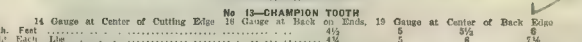
SIMONDS MFG. CO.

Made of Highest Grade Crucible Cast Steel, Oil Tempered, Hand Filed and Set and Highly Polished and Etched

The Improvement in the Simonds Crescent Ground Saw Consists in Grinding the Saw in Crescent Lines, Parallel to the Cutting Edge in which case the Teeth are of Even Thickness Throughout the Entire Length of Saw, while the Ends are Increased Two Gauges in Thickness. In Consequence the Saw can be Ground Thinner on the Back, and it does not Bind in the Kerf. It Requires Less Set, for Each Tooth Does an Equal Amount of Work, and has Equal Thickness or Strength to Hold the Set Required for Clearance. Being Two Gauges Heavier and Consequently Stiffer at the Ends, the Operators can Push as well as Pull without Causing it to "Buckle," and for Felling Trees it has been Demonstrated that it has no Superior.

No 13—CHAMPION TOOTH

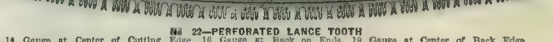
Length. Feet	4½	5	5½	6	6½
Weight Each Lbs	4¼	5	6	7¼	8½
Each, Without Handles	$3.60	4.30	5.10	5.90	6.80



No 22—PERFORATED LANCE TOOTH

14 Gauge at Center of Cutting Edge 16 Gauge at Back on Ends, 19 Gauge at Center of Back Edge

Length. Feet	4½	5	5½	6	6½
Weight Each, Lbs	4¾	4½	5½	7¼	8½
Each, Without Handles	$3 60	4.30	5.10	5.90	6.80



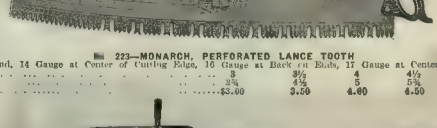
No. 113—FELLING

Two Cutting Teeth to One Raker Tooth

Length. Feet	4½	5	5½	6	6½
Weight Each. Lbs	5¼	6	6⅞	8¼	9⅝
Width at Center In	5⅞	5⅞	5⅞	5⅞	5⅞
Each, Without Handles	$3 60	4.30	5.10	5.90	6.80

ONE-MAN CROSS CUT SAWS

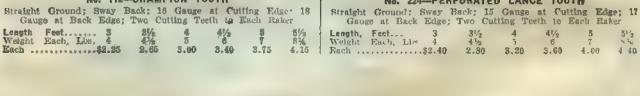
Simonds Mfg. Co.



No. 223—MONARCH, PERFORATED LANCE TOOTH

Crescent Ground, 14 Gauge at Center of Cutting Edge, 16 Gauge at Back on Ends, 17 Gauge at Center of Back Edge

Length. Feet	3	3½	4	4½	5	5½
Weight Each Lbs	3¾	4½	5	5⅝	7¼	8
Each	$3.00	3.50	4.00	4.50	5.00	5.50



No. 112—CHAMPION TOOTH

Straight Ground; Sway Back; 16 Gauge at Cutting Edge 18 Gauge at Back Edge; Two Cutting Teeth to Each Raker

Length. Feet	3	3½	4	4½	5	5½
Weight Each, Lbs.	4	4½	5	6	7	8¼
Each	$2.35	2.65	3.00	3.40	3.75	4.15

No. 224—PERFORATED LANCE TOOTH

Straight Ground; Sway Back; 15 Gauge at Cutting Edge; 17 Gauge at Back Edge; Two Cutting Teeth to Each Raker

Length. Feet	3	3½	4	4½	5	5½
Weight Each, Lbs	4	4½	5	6	7	8¼
Each	$2.40	2.80	3.20	3.60	4.00	4 40

SPURS

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

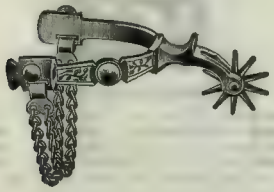
(Freight Second Class)

Spurs

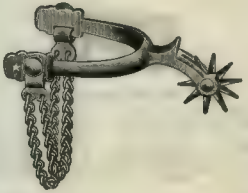
No. 1253	$6.66
No. 1274	5.88
No. 1284	5.00
No. 3383	2.12
No. 1283	2.22
No. 225	1.90

No. 1253—Filed and Chased; 1⅛ in. Rowel..... Per Dozen Pairs $6.66

No. 1274—Burnished and Engraved; 1⅛ in. Rowel..... Per Pair $4.50

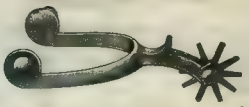


No. 1284—Gun Metal, with German Silver Spots..... Per Pair $3.75



No. 3383—Burnished..... Per Pair $1.50

No. 1283—Blued, German Silver Spots..... Per Pair $1.50



No. 225—Burnished..... Per Pair $1.40

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight First Class)

"A" Grade
No. 28—
12 gauge..$ 44.98
No. 31—
16 gauge.. 47.74
No. 26—
12 gauge.. 36.42
No. 24—
12 gauge.. 39.96

"B" Grade
No. 24—
12 gauge.. $42.18

"C" Grade
No. 24—
12 gauge..$ 81.60

"A" Grade—
16 gauge.. 39.96

No. 24D..... 177.60
Trap Standard 66.60
Extra Barrels. 34.20

NOTICE.
Net Prices Apply—For 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

Kelley-How-Thomson Co. of Duluth

REPEATING SHOT GUNS

MARLIN

All with Standard Stocks, 13½ in. Long, 1⅝ in. Drop at Comb, 2½ in. Drop at Heel

"A GRADE." TAKE DOWN

Adapted to Use All Standard 12 Gauge Loads, Black or Smokeless, in 2¾ or 2⅞ in. Shells

Matted Barrel of Special Rolled Steel, an Extra Strong and Tough Quality, having a tensile strength of over 66,000 pounds to the square inch. Breechbolt, Firing Pin and other Important Parts are of Chrome Nickel Steel, specially heat treated. Butt Stock and Forearm are Fine Straight-Grained Black Walnut, Handsomely Shaped and Finished; Genuine Rubber Butt Plate.

This Model has **Press-Button Cartridge Release**, which allows removing loaded shells from magazine without working through action; **Has Automatic Recoil Safety Guard-Lock**, full protection against accidents; **Hammer and Trigger Safety**, conveniently located in the guard just in front of the trigger—a double lock on the hammer (when carrying gun loaded) that can be instantly released for quick firing. Each

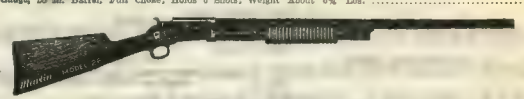
No. 28—12 Gauge, 30 or 32 in. Barrel, Full Choke; Holds 6 Shots; Weight, About 8 Lbs. Each.....$32.40

"A GRADE." TAKE DOWN

Adapted to Use All Standard 16 Gauge Loads, Black or Smokeless in 2¾ or 2⅝ in. Shells

For Other Description, See No. 28, Shown Above Each

No. 31—16 Gauge, 28 in. Barrel, Full Choke; Holds 6 Shots; Weight About 6¾ Lbs. $28.80



"A GRADE." SOLID FRAME

This Gun has a Solid Frame (not take down) and a Straight Grip Stock. It is extremely Clean, Simple and Light, has the Double Extractors, Improved Safety Construction, etc., and is made of the Best Material in every part; Its Solid Top, Side Ejector and Closed-in Breech are the highest type of Modern Gun Construction. The Automatic Recoil Safety Device makes it the safest Breech Loading Gun Built; Barrels are bored especially for Smokeless Powder as well as Black, and Chambered so 2¾ or 2⅝ in. Shells may be used. The **Full Choke Barrels are guaranteed to Pattern more than 325 Pellets in a 30 in. Circle at 40 Yards**, using 1¼ Oz. No. 7½ Chilled Shot. Each

No. 26—12 Gauge, 30 or 32 in. Barrels; Holds 6 Shots; Weight, 7½ Lbs Each.....$21.00

"A GRADE." TAKE DOWN

Special Rolled Steel Barrel, with a Tensile Strength of about 66,000 pounds to the square Inch. **The Frames are of the Best Quality Blued Steel with Rubber Butt Plate.** The Stocks measure 13½ in. Long, with 1⅝ in. Drop at Comb and 2½ in. at Heel. **Full Choke Barrel** that is Guaranteed to Target more than 325 Pellets of No. 8 Chilled Shot in a 30 in. Circle at 40 yards. The Barrel is specially bored for both Black and Smokeless Powder, fully proved with excessive loads. Each

No. 24—12 Gauge, 30 or 32 in. Barrels; Holds 6 Shots; Weight, 7½ Lbs Each.....$23.25

"B GRADE." TAKE DOWN

Special Smokeless Steel Barrel, Full Choke Bored, Blued Steel Frame, Double Extractors, Side Ejecting; Walnut Forearm Handsomely Checkered, Pistol Grip Checkered; Selected Figured Walnut Stock; Rubber Butt Plate. Each

No. 24—12 Gauge, 30 in. Barrel; Holds 6 Shots; Weight, 7½ to 7¾ Lbs. Each.....$33.60

"C GRADE." TAKE DOWN

Factory Shipments

Special Smokeless Steel Barrel, the Finest Quality we can use, having a very high Elastic Limit and a Tensile Strength of about 100,000 Lbs. to the square Inch; Stock and Forearm are of Selected Fancy-Figured Walnut, neatly Checkered by Hand; the Action is Tastily Tempered and Ornamented with a Good Quality of Hand Engraving. Each

No. 24—12 Gauge, 30 in. Barrels; Holds 6 Shots; Weight, 7½ to 7¾ Lbs. Each.....$43.00

"A GRADE." TAKE DOWN

Special Rolled Steel Barrel, with a Tensile Strength of about 66,000 Pounds to the Square Inch. **The Frames are Blued and the Butt Plates are of the Best Quality Rubber.** The Stocks measure 13½ in. Long, with 1⅝ Drop at Comb, and 2½ in. Drop at Heel. The Length or Drop can be altered to suit. **The Full Choke Barrels are Guaranteed to Target better than 240 Pellets in a 30 in. Circle at 35 Yards.** The charge used in making the Pattern is 1 Oz. No. 7½ Chilled Shot. These Barrels are specially bored for Smokeless or Black Powders, and are proved with excessive loads. The Capacity of the Magazine is 6 Shells and with a Shell in the Chamber gives 7 Shots. Each

No. 16—16 Gauge, 28 in. Barrel; Holds 6 Shots; Weight, About 6¼ Lbs. Each.....$33.25

Kelley-How-Thomson Co. of Duluth

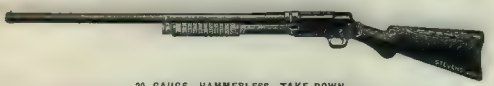
Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

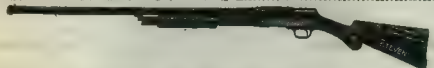
(Freight First Class)

REPEATING SHOT GUNS
STEVENS



20 GAUGE, HAMMERLESS, TAKE-DOWN
Length of Stock, 13½ in.; Drop at Comb, 1⅝ in.; Drop at Heel, 2½ in.
High Pressure Compressed Steel Barrel, Full Choke Bored, Drop Forged Receiver; Solid Breech; Side Ejection; Safety Firing Pin; Independent Safety and Plain Walnut Pistol Grip Stock; Rubber Butt Plate; Take-Down by means of Interrupted Thread and Lock Nut

	Each
No. 200—20 Gauge Only; 26 or 28 in. Barrel; Weight, About 6¼ Lbs.	$27.50



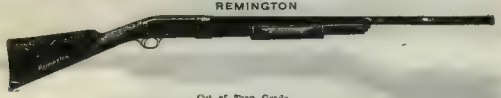
Cut Shows Standard Grade

BROWNING'S PATENT, HAMMERLESS, TAKE-DOWN
Chambered to Take 2¾ in. Shells; Length of Stock, 13¾ in.; Drop at Comb, 1⅝ in.; Drop at Heel, 2½ in.
Stevens Compressed Forged Steel Barrel, Full Choke Bored; Black Oxide Finish; Solid One Piece Drop Forged Receiver; Safety Inside of Guard

No. 520—STANDARD GRADE Plain Walnut Pistol Grip Stock and Forearm; Rubber Butt Plate	Each
12 Gauge, 30 or 32 in. Barrels, 6 Shots Weight, About 7⅝ Lbs. Each	$27.00
Extra—Interchangeable Barrel	13.00

No. 522—TRAP GRADE Selected Walnut Straight Grip Stock, with Full Comb; Checkered Stock and Forearm; Rubber Butt Plate	Each
12 Gauge, 30 in. Barrels, 6 Shots Weight, About 7¾ Lbs. Each	$40.00
Extra—Interchangeable Barrel	21.00

REMINGTON



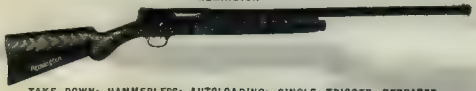
Cut of Trap Grade

REMINGTON; MODEL 1908; HAMMERLESS, TAKE DOWN
This Gun is a New Product from a Factory with an unquestionable reputation for manufacturing Guns of Smooth Action, Perfect Balance, Accurate and Dependable; Special Remington Steel Barrel, Choke Bored, Specially Targeted; Solid Breech, Matted Rib or Receiver; Walnut Stock and Forearm; Rubber Butt Plate

No. 10A—"STANDARD GRADE"; MODEL 1908 Plain Walnut Pistol Grip Stock, 13¾ in. Long; 2½ in. Drop at Heel, 1⅝ in. Drop at Comb	Each
12 Gauge, 30 in. Barrel, 6 Shots Weight, About 7½ Lbs. Each	$27.00
Extra Barrel, Fitted; Choked or Cylinder Bored	11.25

No. 10C—"TRAP GRADE"; MODEL 1908 Selected Walnut Straight Grip Stock, with Full Comb; Checkered Stock and Forearm; Stock is 14 in. Long, 2 in. Drop at Heel, 1½ in. Drop at Comb; Chambered for 2¾ in. Shells	Each
12 Gauge, 30 in. Barrel, 6 Shots Weight, About 7⅝ Lbs. Each	$42.00
Extra Barrel, Fitted; Choked or Cylinder Bored	11.25

AUTO-LOADING SHOT GUNS
REMINGTON



TAKE DOWN; HAMMERLESS; AUTOLOADING; SINGLE TRIGGER REPEATER
This Gun is Constructed with a Solid Top and Breech, Which Makes it Impossible for Gas, Grease, Burnt Head or Shells or any Other Accident that might happen, to Fly Back into the Eyes or Face of the Shooter
Remington Steel Barrels, 28 in., Full Choke Bored; Matted Frame; 14 in. Stock, with 1⅝ in. Drop at Comb and 2½ in. Drop at Heel; Walnut Forearm and Stock, Rubber Butt Plate; Chambered for Shells up to 3½ in., Holds 5 Shots

	Each
No. 11A—Standard Grade; 12 Gauge, 28 in. Barrel; Walnut Pistol Grip Stock and Forearm	$40 00
No. 11AR—With Matted Rib; Otherwise Same as Above Weight, About 7⅝ Lbs. Each	47 00
No. 11B—Special Grade; 12 Gauge; Selected English Walnut Stock; Pistol Grip and Forearm Checkered	55.00
No. 11BR—With Matted Rib; Otherwise Same as Above Weight, About 7⅝ Lbs. Each	57.00

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by Lists on Page.

Repeating
No. 200—20 gauge...$39.96
No. 520—12 gauge Stand 39.96
Extra barrel. 23.98
No. 522—12 gauge Trap 66.60
Extra barrel. 39.96

Model 1908
No. 10A Stand.—12 gauge... 52.13
Extra barrel. 27.32
No. 10C Trap—12 gauge... 66.60
Extra barrel. 27.32

Auto-Loading
No. 11A Stand.—12 gauge...$67.16
No. 11AR Stand.—12 gauge... 77.93
No. 11 B Spec.—12 gauge... 85.48
No. 11BR Spec.—12 gauge... 96.24
No. 11C Trap. 85.48
No. 11C Extra barrel 27.54
No. 11D—Tournament 119.88
No. 11D Extra barrel 34.20

Kelley-How-Thomson Co. of Duluth

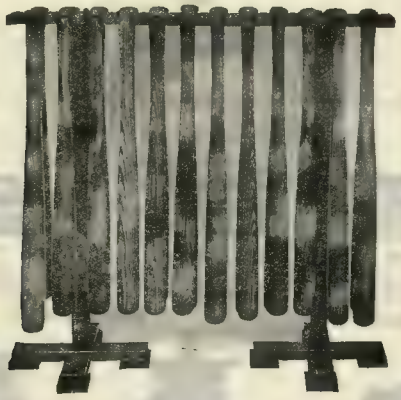
BASE BALL BAT DISPLAY RACKS

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

Bat Racks
No. 48..... $4.44



For Displaying Base Ball Bats in Stores; Made of Hardwood; Very Rigid When Set Up; Put Together with Hanger Bolts and Wing Nuts.

	Each
No. 48—Capacity 24 Bats; Weathered Oak; Height 38 in., Length 39 in.....	$3.00

Shipped K. D. One in a Carton; Shipping Weight 15 Lbs.

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

Kelley-How-Thomson Co. of Duluth

Dating May 1, 1916

LAWN MOWERS

CADET—ADJUSTABLE SPLIT BRASS BEARINGS

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight Second Class)

Cadet or Crescent

No. 514.....	$4.78
No. 516.....	5.12
No. 518.....	5.44

A Good Lawn Mower to sell at a medium low price and give the purchaser full value for his money. It has Brass Bushings and the Same Ratchets and Adjustments that are used on many of the high grade mowers. The Gears are Fine Cut and it is in every respect what is needed at the present time, viz.: A mower that will do good service and at a cost little higher than the poor trash that is put out so freely.

Description

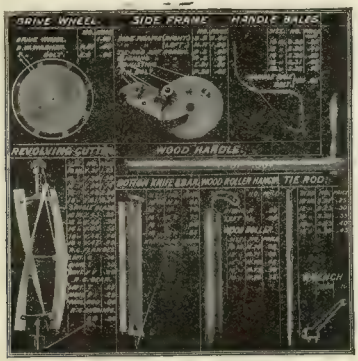
Diameter of Drive Wheels—8 inches.
Gears—Internal, Direct Drive
Ratchets—Sliding Pawl in Each Drive Pinion.
Diameter of Revolving Cutter—5 inches.
Number of Blades—Three.
Bearings—Adjustable Split Brass.
Bottom Knife—Best Tool Steel
Finish—Green Body, with Red Trimmings and Bales.

Adjustable Split Brass Bearings; Low Wheel; Three Blades; Self-Sharpening

Nos.	514	516	518
Width of Cut, In.	14	16	18
Weight, Each, Lbs.	36	38	40
Each	$6.75	$7.65	$7.50

One in a Box

EXTRA PARTS FOR "CADET" LAWN MOWERS
Not Carried in Stock; Can be Furnished Only by Shipping Direct from Factory



The Words Right and Left refer to the right or left hand when standing behind the Mower and facing in the direction the machine travels when in use.

NOTICE.
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Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight First Class)

Razors
No. 0.....$32.30

Ever-Ready
Regular $18.66
No. 2 ..... 46.62
No. 3..... 66.60

Ever-Ready Blades
Package of (6) .....$ 0.48
Package of (10) ..... .78
Package of (12) ..... .94
Display Card of (1 gross).. 11.20

NOTICE.
Net Prices Apply—For 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

Kelley-How-Thomson Co. of Duluth

SAFETY RAZORS

REAL

The Best and Most Practical Safety Razor on the Market, it having all the Advantages of a Safety and the Finest Barber's Style Razor Combined. It is simply perfection, giving Comfort, Convenience and Safety that no other razor can give, it being Impossible to Cut the Skin and allows the Easy Diagonal Stroke of the Ordinary Razor, doing away with the Scraping Motion which is not only very objectionable but injurious to the face. The Guard is Easily Removed for Stropping and Cleaning. The Blades are Ground Very Thin and need very little honing or stropping.

Full Concave Blade, Honed Point, Fine Glazed Finish; Oval Rubber Handle; Reversible Guard; Nickel Plated

Per Dozen

No. 0—⅝ in. Blade. In Velvet Lined Imitation Leather Case.....$24.00

EVER-READY

As Popular as the Dollar Watch

Every One Sold Advertises Itself and Means More New Customers

Each

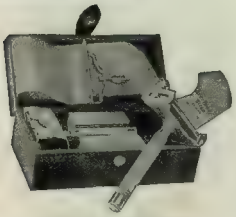
Ever-Ready—Patented Safety Frame, Silvered Finish; Enameled Wood Handle, with Blade Stropper, Twelve Wafer Blades, Electrically Hardened and Tempered Ready for Use, Can Be Stropped if Necessary. Each Set Complete in Leatherette Case, Guaranteed to Give Satisfaction.....$1.00

Per Dozen

Extra, Ever-Ready Blades—Packed Twelve (12) in a Package and Separately Wrapped.....$0.60

Extra, Ever-Ready Blades—Packed One Gross on Display Card in Packages of 10 and 12 Separately Wrapped..... 7.20

Trade Mark



EVER-READY COMBINATION

Very ingeniously arranged Case Containing the Standard 12 Bladed "EVER-READY" Outfit together with the Very Latest Improved "EVER-READY" Blade Stropping Machine and a Genuine Horsehide, Nickel Trimmed Strop.

This Outfit has been added to the Highly Attractive Line of "EVER-READY" Special Outfits and not alone will prove a Quick Seller on account of the Big Value but for its Novel Appeal as well.

Each

No. 2—Ever-Ready Combination.....$2.50

EVER-READY TRAVELERS' OUTFIT

Our Traveler's Combination Outfit has been remarkably improved. This New "EVER-READY" Case is more compact, has Adjustable Mirror in the Back, Two-Nickeled Blade Holders for the Twelve Blades, Nickeled Collapsible Badger-Hair Shaving Brush, Nickeled Shaving Soap Case with Soap, and the "EVER-READY" Frame and Combination Handle.

Each

No. 3—Ever-Ready Travelers' Outfit.....$3.50

Kelley-How-Thomson Co. of Duluth

SAFETY RAZORS

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight First Class)

GEM DAMASKEENE

Latest Improved Model; Silver Plated Frame, with Detachable Nickel Plated Steel Handle, 3 3/8 In. Long; Complete with Seven Gem Damaskeene Blades and Nickel Plated Stropper, which fits in End of Handle.

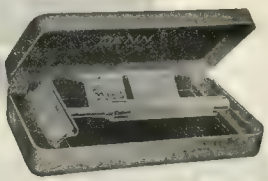
	Each
Gem Damaskeene—One Set in an Imitation Leather, Hinged Case, Purple Velvet Lined; Button Fastening; Size 3 5/8x6x1 1/2 In.	$1.00

One Set in a Cardboard Box

EXTRA BLADES

	Per Package
Gem Damaskeene Safety Razor Blades; Made of Finest English Damaskeene Steel	$0.50

Seven Blades in a Package



PENN

Triple Silver Plated Frame and Knurled Handle, Equipped with a Smooth Drop Flange Guard. Length Over-All 3 5/8 In.; Put up In a Spring Hinged Steel Box, Covered with Hand Tooled Spanish Leather, Dark Purple Velvet Lining. Size of Case when Closed 4x2x7/8 In.

	Each
Penn Complete with One Package of 5 Penn-Sheffield Blades	$1.00

One Dozen in a Carton

EXTRA BLADES

	Per Package
Penn-Sheffield—Individual Forged and Hand Tested; Natural Damascus Finish	$0.25

5 Blades in a Package
12 Packages Mounted on Counter Display Card

Gem Damaskeene
In less than doz. lots...$19.98
In one dozen lots 18.66
In two dozen lots 17.76

Extra Blades
Package of (7) .....$ 0.56

Penn $17.32

Extra Blades
Package of (5) .....$ 4.44

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight First Class)

Washing Machines Turbine Vacuum
No. 200.....$18.32

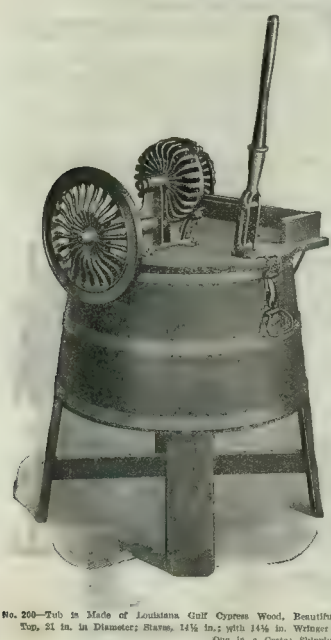
Kelley-How-Thomson Co. of Duluth

WASHING MACHINES

THE TURBINE VACUUM

Makes Use of Two Forces; Vacuum and Turbine Action

Vacuum Cleaning for Clothes is the Most Recent Progressive Step in efficient mechanical washing. The Hot Suds are Forced Through the Clothes from Every Angle. No Part of the Fabri. Escapes the Cleansing Action of Soap, Water and Force. Air, Agitation and Hot Suds do the work. The finest pieces are not injured—the heaviest pieces are washed speedily and thoroughly, with no additional demand on power—no more muscular effort than a child can supply.



Exclusive Turbine Vacuum Features

The washing mechanism of the Turbine Vacuum Washer (inside the tub) consists of: 1—A dome-shaped dolly, having 3 valve-openings surrounding the dolly-shaft; 2—A disc air-valve that closes all valve-openings as the dolly is driven downward through the hot suds; 3—A smooth running link and lever motion mechanism that gives the dolly two quick turns on each stroke; 4—Aluminum Turbine Blades that add to the force of the hot suds. The action is: Release of the clothes from the suction vacuum action on the upward stroke and a new vacuum force on the downward stroke—and a Forward and Backward mechanical agitation in addition to the upward-downward vacuum cleaning.

Other Exclusive Features

Steel-cut High-speed Spiral Gears that give great speed to the operations and produce a snow-white wash on the line while the old methods are merely "getting ready." All gears are inclosed—no tearing of clothes or injury to hands. All metal parts are rust-rusting pure aluminum bronzed. A quick-action metal faucet empties the tub, when desired, at the bottom. A spring cover-lift raises the cover at will, without effort, and a cover-lock holds the lid securely in place.

A box wringer-board returns all water to the tub from the wringer; no slop.

The tub of the Turbine Vacuum Washer is Louisiana Red Cypress—a wood that grows in water and that is never injured or tainted by water; never absorbs odors; durable, substantial.

The Hoops are the Finest Gold Bronzed—Non-Rusting. Four Strong Legs keep the Washer Firm and Solid; No Jarring or Vibration.

The Tub is Handsomely Finished—just like fine furniture.

The Turbine Vacuum Washer is Fully Guaranteed against imperfections in material or workmanship—and any defective part will be Replaced Free of Charge f. o. b. Factory

The Wood is of Louisiana Red Cypress, the wood that thrives in water. It is Smooth, Strong, Absolutely Odorless and Sanitary. No Mouldy Smell. No Warping or Shrinking.

The Hoops are all Gold Bronzed, Rustless and Durable.

The Tub is Beautifully Finished like a Fine Piece of Furniture.

Free from Hard Work

The Turbine Vacuum Washer Insures Perfect Washing Results Without Hard Work. No Steam or Slop—No Sore Back, Bruised Knuckles or Torn Clothes.

It pays back its cost, over and over, in its Saving in Labor, Worry, Time and Cleaner Clothes, Free from Frictional Wear and Tear.

It is the Best Home Investment—for the housewife who does her own washing, or who wishes to save on laundress hire.

This wonderfully efficient washer is the result of a Generation of Washing Machine Experience. All of the Best Principles of past success have been preserved, and to them have been added the Latest Vacuum and Turbine Methods

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

Each

No. 200—Tub is Made of Louisiana Gulf Cypress Wood, Beautifully Finished. Dimension—Bottom, 24½ in. in Diameter; Top, 21 in. in Diameter; Staves, 14½ in.; with 14½ in. Wringer Board.....$18.00
One in a Crate; Shipping Weight 90 Lbs.

WASHING MACHINES

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight First Class)

Washing Machines
Horton Power
No. 31.....$42.74

Horton Electric
No. 32..... 93.24

Metal Tub Stands
. .....$2.56

HORTON POWER WASHER

Combined Washer and Wringing Machine

All Driving Gears are Cut instead of just cast, reducing friction to a minimum and making it noiseless in operation. All Exposed Gears are Covered to prevent accident.

No Tight or Loose Pulleys required as the Pulley Wheel Stays in position when lid is opened.

By having a Fly Wheel on Hand which Interchanges with the Pulley Wheel, the Machine and Wringer Can be Operated by Hand.

Equipped with a Special Two-Roll Reversible Ball-Bearing Wringer and has a Patented device to prevent injury. A simple movement of the hand swings the wringer from one position to another to enable wringing between tubs and basket.

Hardwood Dolly with Four Extra Large Pegs and Guarded Post; Clothes cannot tear. Brass Drain Faucet, threaded, and on bottom of tub.

Each

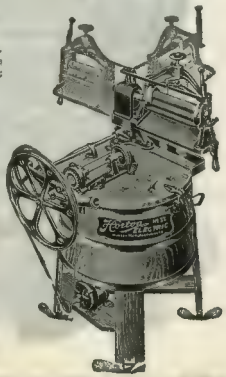
No. 31 Tub is Made of Selected Louisiana Red Cypress, Natural Finish. Ball-Bearing Wringer, with Rolls 19x1¾ in., Guaranteed for Five Years... .... $42.74
One in a Substantial Built Crate; Weight Crated, 175 Lbs.

METAL TUB STANDS

The Detached Tub Stand is a Decided Advance, it's liked alike by the dealer and the user; They are Light, Strong, Very Durable and take up but little space; Mounted on Casters and are Easily Moved about.

Each

Metal Tub Stands.....$3.00
Open Stock; Weight Each About 6½ Lbs.



HORTON ELECTRIC WASHER

With New Three-Way Wringer

Carefully Made in Every Detail, the Tub is of Selected Louisiana Red Cypress, Fully Corrugated on the Inside by a Special Process to Avoid Splinters. All Driving Gears are Cut instead of just cast, Reducing Friction to a Minimum and Making it Noiseless in Operation. All Exposed Gears are Covered to Prevent Accident. Hardwood Dolly with Four Extra Large Pegs and Guarded Post; Clothes cannot tear. Mounted on Heavy Ball-Bearing Casters, making it extremely easy to move around.

Motor

A Specially Designed Fort Wayne Motor having Ample Power to Operate Washer and Wringer at the Same Time. Best Grade of Belting Used.

Should anything happen temporarily to motor or current, the Machine and Wringer can be operated by hand.

Wringer

The Wringer with which this Machine is Equipped is a Special Two-Roll Reversible Ball-Bearing Wringer and has a patented device to prevent Injury.

A Simple Movement of the Hand Swings the Wringer from One Position to Another to enable wringing between tubs and basket.

No. 32—Finished in the Natural Wood Finish, with Mechanism in Gold Bronze; Fly Wheel and Hoops, Green Enameled . Each $75.00
Packed in a Substantial Crate; Weight About 200 Lbs.

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight Third Class)

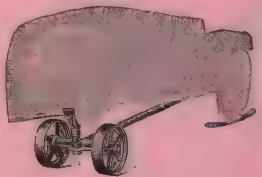
Automobile Ambulances
Weaver $53.28

Towing Lines
Basline $6.66

Towing Poles
Weaver $17.76

Auto Blocks
Little Giant..$5.66

AUTOMOBILE AMBULANCES



For Crippled Cars

Cast Steel Wheels, 14 in. in Diameter, 3 in. Tires; The Axle Revolves upon Roller Bearings and is of 1¼ in. Steel, and Extends Entirely Through the Frame, giving abundant strength for the support of the heaviest cars. The Saddles or Clamping Devices are very carefully and strongly designed and constructed of Malleable Iron, and the adjustable standard is of Double Strength Steel Tubing. The **Telescoping Tongue** is of Double Strength Steel Tubing and Adjusts Every 2½ Inches from 6½ to 12 feet.

Each

Weaver—Shipping Weight 145 Lbs.....$30 00

TOWING LINES

BASLINE
Steel Cable, with Forged Hooks

A standard article that should be found in every Tire dealer's stock. Well advertised and has created a big demand. About the Best Towing Line on the market. Can be coiled up small enough to put under the seat cushion or in the tool box.

Each

Basline—30 ft. Long.....$6.20

Weight Each About 8 Lbs.

TOWING POLES

WEAVER

The Danger and Inconvenience of Towing Disabled Cars is Practically Eliminated by the Weaver Towing Pole. The Brakes of the Towing Car are in Absolute Control of the Rear Car. No Danger of Jamming on Down Grades or on Sudden Stops in Crowded Streets. Neither is there Danger of a Long Tow Line Tripping Pedestrians, or being run into by other cars.

Spring Absorbs All Shocks

The Heavy Coil Spring Cushions All Pulling or Ramming Shocks so that there is no Jerk or Jar on either car. The connecting clamps are composed of wide LEATHER PADDED Sockets with 30 in. Straps of Best Harness Leather with Heavy Buckle Check into the Clamp.

This Clamping Device gives the Pole a Practically Unlimited Range of Application—Either to Axle, Spring or Frame of Either Car. The POLE TELESCOPES, and is Adjustable from 5 ft. 6 in. to 8 ft. It is Made of Double Strength Steel Tubing.

Each

Weaver—Shipping Weight About 30 Lbs.....$10.00

AUTO BLOCKS

LITTLE GIANT

How many times have you been stuck with your car in a Mud or Chuck Hole, where tire chains were of no assistance? With a pair of "Little Giant" Auto Blocks there is no hole you cannot get out of. The Blocks are Very Light and Compact, are made of the Finest Steel and the Sheaves are Equipped with Hardened Steel Roller Bearings, which Reduce Friction to a Minimum.

Per Pair

Little Giant—Two, Four Sheave Block with Shackle, Without Rope.....$4.00

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

2318

Kelley-How-Thomson Co. of Duluth

Dating May 1, 1916

SILVER PLATED WARE ASSORTMENTS

Highest Grade Nickel Silver Base, XS Triple Plated, French Gray Finish

1847 Rogers Bros.

FOR SHIPMENT FROM FACTORY.

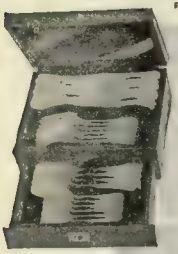
APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight One & One-Half Times First Class)

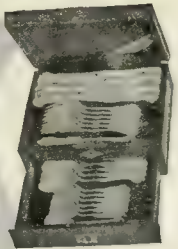
1847 Rogers Bros.
No. 514..... $34.42
No. 520..... 30.76

No. 515..... 37.30
No. 521..... 32.86
No. 518..... 49.06
No. 519..... 42.90



Cut Shows Priscilla Pattern

Furnished in
OLD COLONY
VINTAGE
CROMWELL
CHARTER OAK
FENEUIL
and
PRISCILLA
Patterns



Cut Shows Feneuil Pattern

24 PIECE ASSORTMENT

Highly Polished Oak or Mahogany Chest, Handsomely Lined with Green Velvet, Having Lock and Key.

CHEST CONTAINS

6 Medium Knives (Hollow Handles)	6 Table Spoons
6 Medium Forks	6 Tea Spoons

Per Assortment

No. 514—24 Pieces, Genuine Mahogany Chest $27 70
No. 520—24 Pieces; Genuine Oak Chest..... 24.38

26 PIECE ASSORTMENT

Highly Polished Oak or Mahogany Chest, Handsomely Lined with Green Velvet, Having Lock and Key.

CHEST CONTAINS

6 Medium Knives (Hollow Handles)	1 Butter Knife
6 Medium Forks	1 Sugar Shell
6 Table Spoons	6 Tea Spoons

Per Assortment

No. 515—26 Pieces; Genuine Mahogany Chest.. ..... $30 00
No. 521—26 Pieces; Genuine Oak Chest. 26.18

Cut Shows Charter Oak Pattern

Furnished in
OLD COLONY
VINTAGE
CROMWELL
CHARTER OAK
FENEUIL
and
PRISCILLA
Patterns

Cut Shows Vintage Pattern

38 PIECE ASSORTMENT

Highly Polished Mahogany Chest, Handsomely Lined with Green Velvet, having Lock and Key

CHEST CONTAINS

6 Medium Knives (Hollow Handles)	12 Tea Spoons
6 Medium Forks	1 Butter Knife
6 Table Spoons	1 Sugar Shell
6 Soup Spoons	

Per Assortment

No. 518—38 Pieces; Genuine Mahogany Chest. ..... $[illegible]

42 PIECE ASSORTMENT

Highly Polished Mahogany Chest, Handsomely Lined with Green Velvet, having Lock and Key

CHEST CONTAINS

6 Medium Knives (Hollow Handles)	6 Butter Spreaders
6 Medium Forks	6 Individual Salad Forks
6 Table Spoons	12 Tea Spoons

Per Assortment

No. 519—42 Pieces; Genuine Mahogany Chest $42 32

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight One & One-Half Times First Class)

26 Piece Assortment
No. 72735....$15.54

Hollow Handle Knives and Forks
No. 72702....$13.88

Solid Handle Knives and Forks
... 72500.... $7.22

Kelley-How-Thomson Co. of Duluth

SILVER PLATED WARE

Highest Grade Nickel Silver Base, Extra Plated, Full Burnished

WM. ROGERS & SON—CLINTON DESIGN

26 PIECE ASSORTMENT

Highly Polished Mahogany Chest, Handsomely Lined with Green Satin; Having Lock and Key

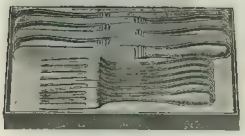
CHEST CONTAINS

Six Solid Handle Knives	**Six Tea Spoons**	**One Butter Knife**
Six Spoon Handle Forks	**Six Dessert Spoons**	**One Sugar Shell**

Per Assortment

No. 72735—26 Pieces; Handsome Mahogany Chest.....$12.80

Weight per Assortment, 6 Lbs.

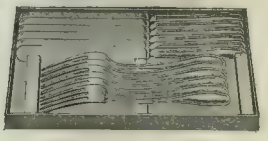


MEDIUM KNIVES AND FORKS

Hollow Handle Medium Knives; Flat Handle Forks
Hollow Handles, Silver Soldered; Crucible Steel, Cluster Swaged Blades, Bright Finish

Per Set

No. 72702—Length Over-All, Knives 9¾ in., Forks 7⅝ in..$13.50



MEDIUM KNIVES AND FORKS

Solid Handle Medium Knives; Flat Handle Forks
Solid Handles, Crucible Steel, Straight Blades, Bright Finish

Per Set

No. 72500—Length Over-All, Knives 9¾ in., Forks 7⅝ in...$6.00

One Set (Six Knives and Six Forks) in a Cardboard Box

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

McCALL'S MAGAZINE

CREAM of WHEAT
PERFORMANCE
EVERY MORNING
AT 7:00
EVERY NIGHT
AT 6:00

CIRCUS DAY

The COUNTRY GENTLEMAN

The CURTIS PUBLISHING COMPANY *Philadelphia*

Copyrighted, 1900, by The U. S. Playing Card Co.

The Priscilla Card Back.

Social card parties are inexpensive and easily arranged. Guests and hostess, alike, enjoy themselves.

Congress Playing Cards

highly polished, thin, springy—contribute to perfect enjoyment. Gold edges. Dainty pictorial designs in many colors: Delft, George and Martha Washington, Napoleon and Josephine, and a great variety of others. Ask your dealer to show you these cards.

The U. S. Playing Card Co.

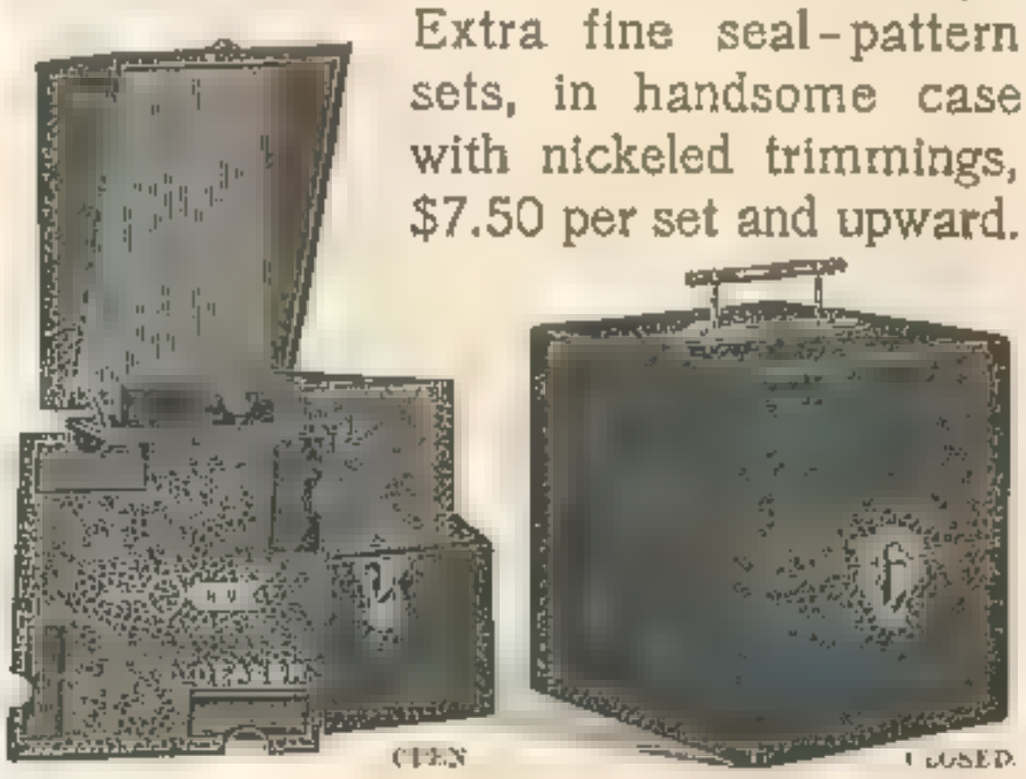
Department **6** Cincinnati, U. S. A.

64-page illustrated booklet, telling how to entertain with cards, sent for 4c. in stamps.

WHIST

Most enjoyable—learned in an evening from booklet; sent for 2c. stamp. Duplicate Whist is especially enjoyable—luck eliminated—skill wins. Played with Paine's Whist Trays.

Extra fine seal-pattern sets, in handsome case with nickeled trimmings, $7.50 per set and upward.



Also morocco pattern Paine trays, $4.00 per set, and upward. Sold by dealers.

$20.00 course of Whist lessons, free, with each set of trays. Write for particulars.

The U. S. Playing Card Co.,

Department **35** Cincinnati, O.

"The Busy Man's Train."

Appropriate in its Name,

Appropriate in its Route,

Appropriate in its Character---

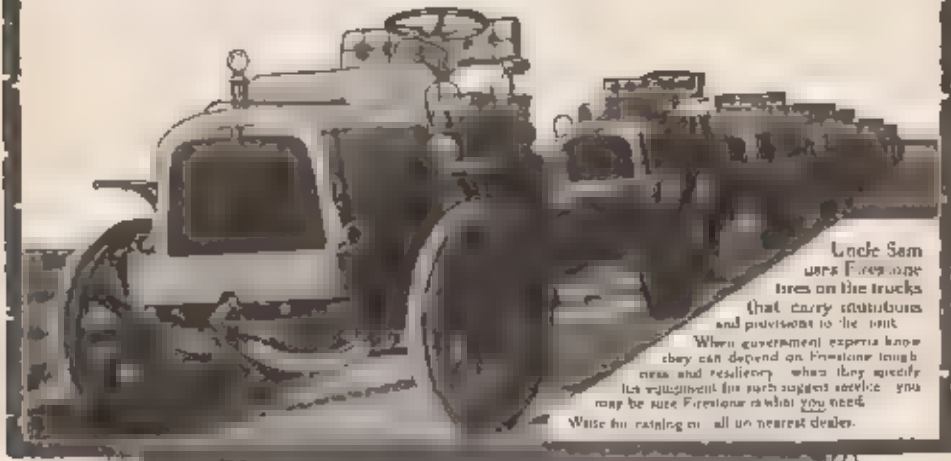
"THE 20th CENTURY LIMITED."

This is *The* century of all the ages. The New York Central's 20-hour train between New York and Chicago (the two great commercial centers of America) is *The* train of the century, and is appropriately named

"THE 20th CENTURY LIMITED."

A copy of the "Four-Track News," containing a picture of "The 20th Century Limited," and a deal of useful information regarding places to visit, routes of travel, etc., will be sent free, postpaid, on receipt of five cents, by George H. Daniels, General Passenger Agent New York Central, Grand Central Station, New York.

For the Dash Into Mexico



Uncle Sam uses Firestone tires on the trucks that carry munitions and provisions to the front.

When government experts know they can depend on Firestone toughness and resiliency—when they specify its equipment for such exacting service—you may be sure Firestone is what you need.

Write for catalog or call on nearest dealer.

Firestone TIRES

Lead The Way And Bring Up The Rear

Motorcycles of the Aero Squadron—ahead the way—on Firestone Tires

NEW POST TOASTIES

Crisp—Delicious—The Perfect Corn Flakes

NEW POST TOASTIES

Crisp Delicious The Perfect Corn Flake

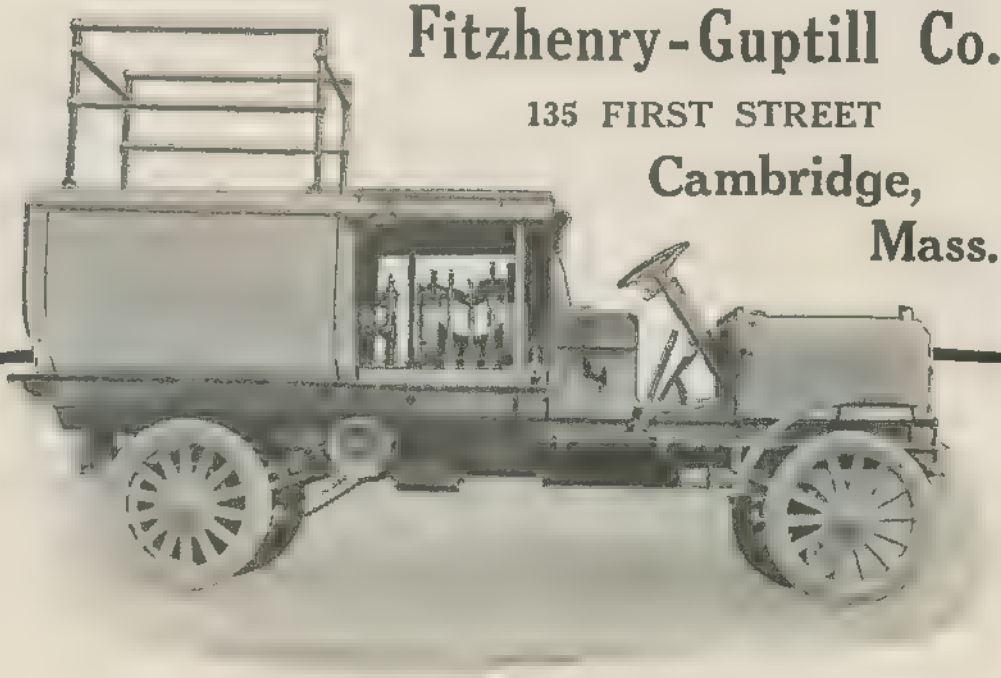
POWER SPRAYING

For your parks, streets and cemeteries you can do no better than to purchase Fitzhenry-Guptill Spraying machinery. The initial cost is low, large economies are effected and perfect satisfaction is derived from the use of these sprayers.

And because of the many improvements and distinctive features, they are being used all over the country.

Send for valuable information on "tree protection and insurance by means of the right kind of spraying equipment."

Auto Truck Sprayer



Fitzhenry-Guptill Co.

135 FIRST STREET

Cambridge,

Mass.

"CREAM OF WHEAT"

[redacted] September 28, 1918 [redacted]

y Muvver told me
ould make me big and fat –
ow, how much will I have to eat
o grow as big as

Copyright 1918 by Cream of Wheat Co

"SHO' DAT'S DE PAPAH AH WANTS

[illegible] Cream of Wheat Company. Copyrighted [illegible]

Good for Nothing

Except to Eat

Sold only in Package Like above—

Never in Bulk

u Muvver told me CR[illegible]
, uld make me big and fat
low how much will I have to eat
To grow as big as *I'll!* ”

Copyright 1910 by Crowell Co

FINANCIALLY EMBARRASSED

Painted by Edward V. Brewer for Cream of Wheat Co *Copyright 1916 by*

THE SATURDAY EVENING POST

A Chapter From the Life of an Ant—By Irvin S. Cobb

THE SATURDAY EVENING POST

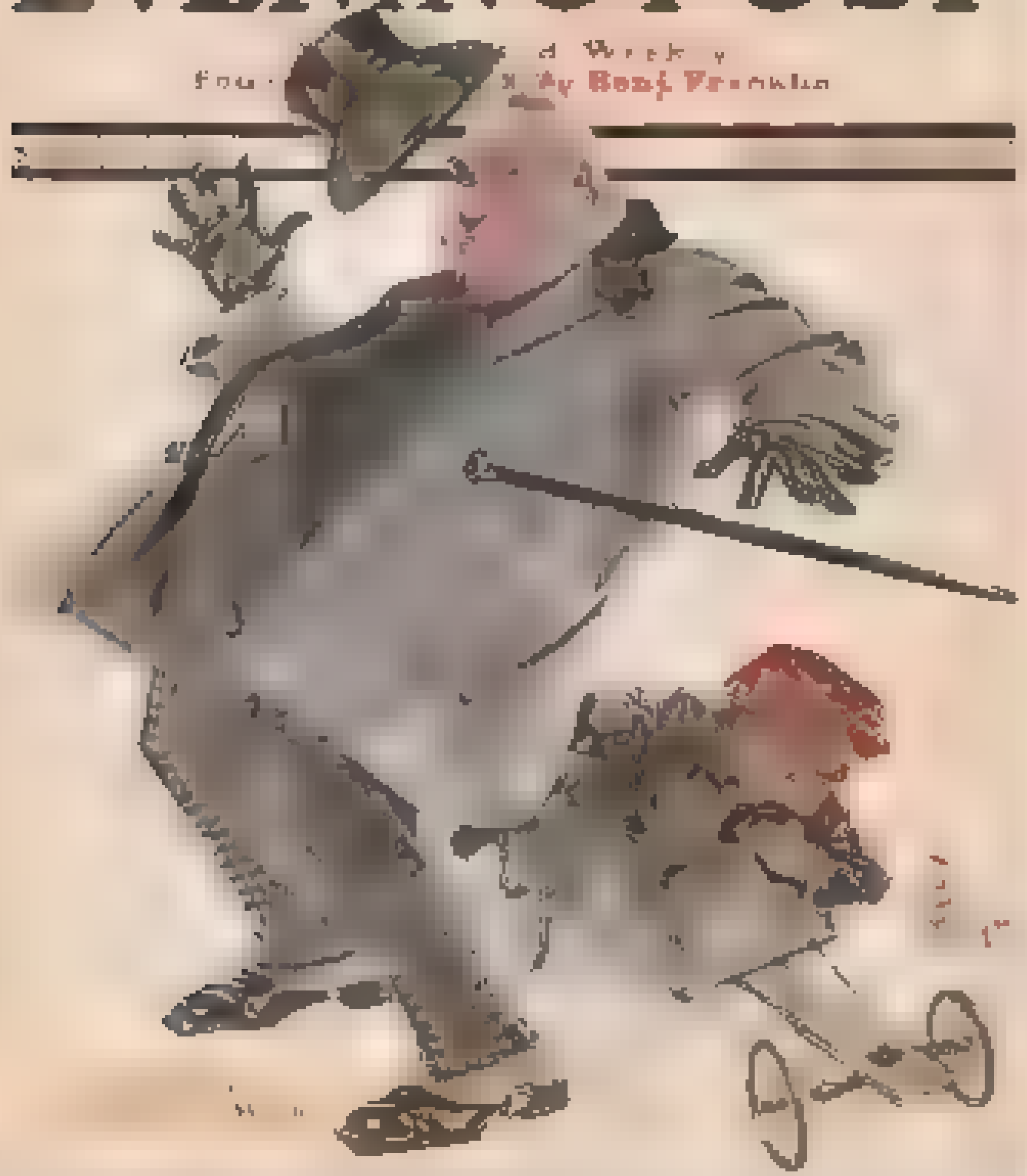
Founded A.D. 1728 by Benj. Franklin

A Chapter From the Life of an Ant

By Irvin S Cobb

THE SATURDAY EVENING POST

d Weekly
Founded by Benj. Franklin

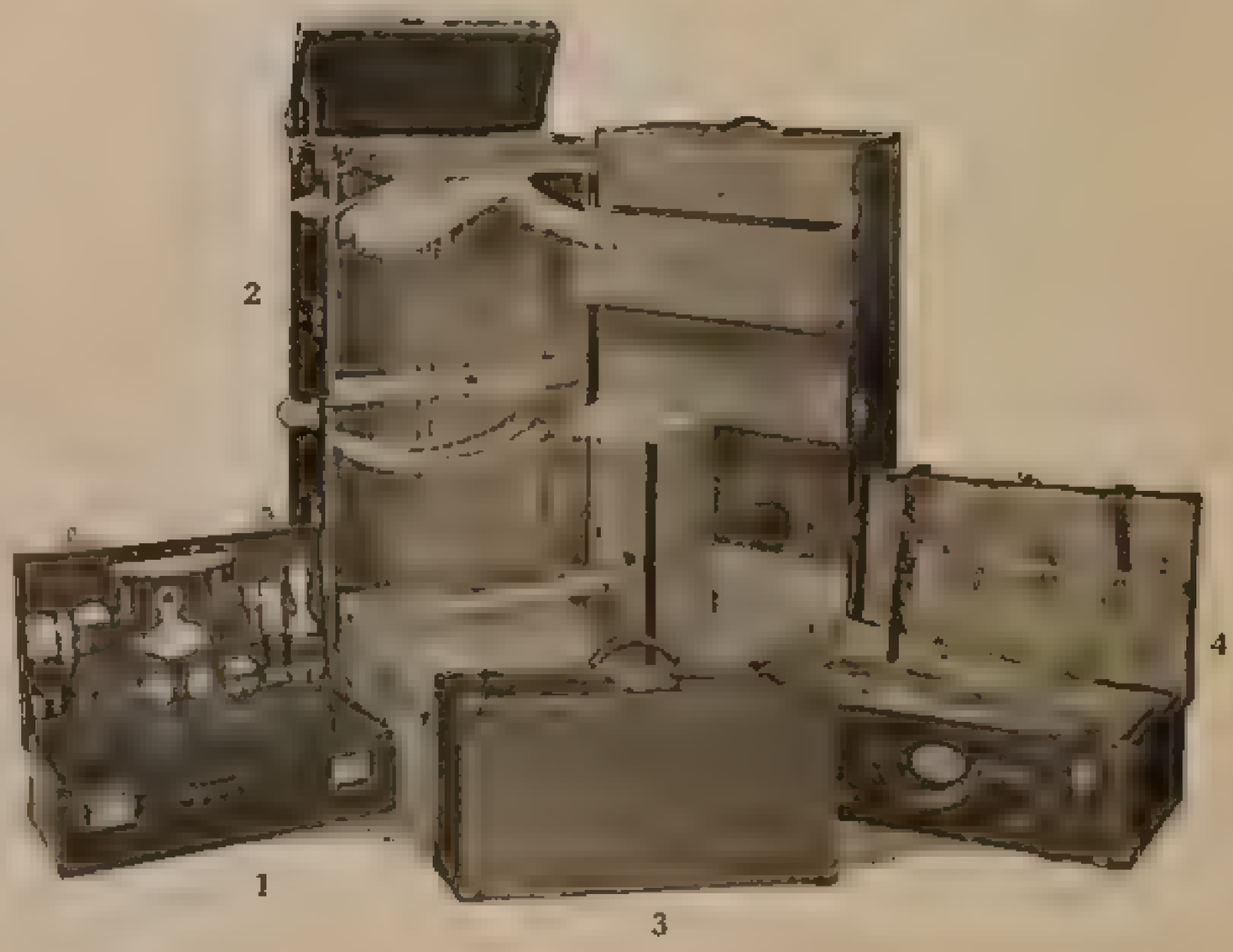


A Chapter From the Life of an Ant — By Irvin S. Cobb

The COUNTRY GENTLEMAN

The CURTIS PUBLISHING COMPANY *Philadelphia*

"McCREERY LUGGAGE"



Exceptional Values

[illegible]	25.00
[illegible] has lock [illegible]	35.00
[illegible]	5.00
pocket in lid. Sizes 24, 26 and 28 inches	4.75

James McCreery & Co.

5th Avenue New York 34th Street

CALIFORNIA

Reached in greatest luxury by the Transcontinental train leaving Chicago 8.00 p. m. daily and reaching San Francisco in less than three days. Reduced rate round-trip excursion tickets on sale daily; liberal return limits.

THE OVERLAND LIMITED
MOST LUXURIOUS TRAIN IN THE WORLD

Compartment observation cars, drawing-room cars, dining cars, buffet-library cars (with barber and bath); electric lighted throughout. The best of everything. Two other fast trains daily at 10.00 a. m. and 11.30 p. m.

CHICAGO & NORTHWESTERN
UNION PACIFIC AND
SOUTHERN PACIFIC RAILWAYS

TICKETS FROM ANY RAILWAY AGENT

Big Values in Fountain Pens

Well Made and Finished Lowest Prices

No. S1436. Fountain Pen, neat metal tube barrel, enameled in bright black, with gilt band, glass vial filled with ink inside. Remove stopper from vial, place tip with pen into position, connect feeder and it is ready for writing. Adjust firmly. When not in use, protect point with cap. Goldine pen. Fine looking scheme fountain pen. Gross, net..... 8.50 | Dozen, net ..... .25

No. S4764. Fountain Pen, medium size, chubby shape, polished black vulcanized rubber barrel, tapering shape screw nozzle, free feed, with goldine pen stamped "14-k. gold plate," ventilated friction fitting cap, full size. Neat and handy. Without boxes or fillers. Per gross..... 9.00 | Per dozen..... .80

No. S4765. As above, with individual boxes and fillers. Per gross.....11.00 | Per dozen..... .95

No. S4780. Fountain Pen, medium size, chubby shape, polished black vulcanized rubber barrel, rounded ends, tapering shape, screw nozzle, ventilated friction cap, embossed chased, goldine band, fitted with pen stamped "14-k." Neat, handy article. Without boxes or fillers. Per gross.....10.00 , Per dozen..... .90

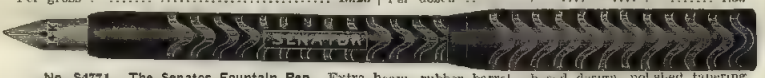
No. S4781. As above, with individual boxes and fillers. Per gross..... 12.00 , Per dozen 1.05

No. S4767. Premium Fountain Pen, black rubber engraved barrel, assorted patterns, end unscrews, with a goldine pen, stamped "gold plated." Looks like a high priced fountain pen, complete with filler, each in box. Per gross..... 14.00 | Per dozen 1.20

No. 2½. Extra Pen Points, to fit above. Per gross ..... 1.00 | Per dozen. ..... .10

No. S4768. Raven Fountain Pen, handsome chased pattern, vulcanized rubber barrel, full size, tip unscrews, fitted with a goldine pen, stamped "gold plated." Looks like solid gold, large size pen, heavy cap, especially designed for mail order or scheme business; it looks as nice as a $5.00 pen, complete with filler, each in box. Per gross..... 15.25 | Per dozen 1.35

No. S4770. Blackhawk Fountain Pen, polished black vulcanized rubber barrel heavy style, tapered, wave design chasing, stamped in gold, "Blackhawk." Fully guaranteed Pen tip unscrews Full size goldine pen stamped "gold plated." Appearance and finish is that of a high priced fountain pen. It is an excellent article for premium or mail order proposition. Each complete with filler in box. Per gross ..... 15.25 | Per dozen 1.35



No. S4771. The Senator Fountain Pen. Extra heavy rubber barrel, hand design, polished tapering screw tip, improved underfeed bridge, large size goldine pen, stamped 14k. Unquestionably the best value ever produced. Specialty dealers handling fountain pens, looking for something extra flashy at a small figure, will be thoroughly satisfied with this style. Per gross ..... 16.50 | Per dozen 1.45

No. S4805. Fountain Pen, extra heavy rubber barrel encased in rich embossed metal finish, fancy pattern, bright gilt finish, screw tip with goldine pen. At the price this is the richest looking pen in the market. One of our big sellers. Exceptional item for specialty dealers Gross 16.50 Dozen .. 1.45

THE SHURE WINNER PRICE LIST

FOUNTAIN PENS

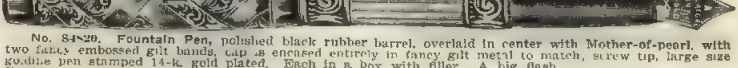
THE BEST STYLES •• THE BIGGEST SELLERS

No. S4806. Fountain Pen, fine filigree mounting over vulcanized rubber barrel, assorted fancy designs, screw tip, grooved bridge feeder, large size, goldine pen, stamped 14-k. gold plate, exceptionally fine looking pen for premium or special proposition; each in box with filler. Gross..... 16.50 Dozen..... 1.45
No. S4800. Fountain Pen as above, genuine German silver filigree mounting, each in box complete.
Per gross ..... 10.50 | Per dozen 1.45

No. S4787. Fountain Pen, polished black, vulcanized rubber barrel fancy chasing with two goldine fancy chased and embossed wide bands, beaded ends, tapering screw nozzle tip, friction fitting ventilated cap, beautifully chased, supplied with gold plated, pen stamped 14-k. A very desirable item for specialty men. Attractive and stylish looking. Provided with individual boxes and fillers.
Per gross ..... 10.50 | Per dozen 1.75

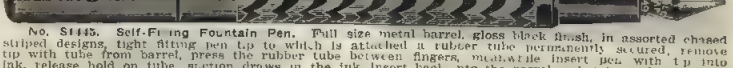
No. S4811. Fountain Pen, needs polished vulcanized black rubber barrel, inlaid with Mother-of-pearl in center. Both ends of the inlaying are bound with embossed gilt ferrules; a rich, flashy, nice appearing pen. Extra full size, tapering screw tip, fitted with large size Goldine pen, stamped 14k. Heavy underfeed bridge. In appearance and finish, as well as size, it is one of the exceptional values in our line. Any specialty dealer making a business of fountain pens, will have no trouble whatever in making exceptionally good with this particular style. Each in box with dropper. Gross..... 21.00 Dozen..... 1.85

No. S4812. Fountain Pen, small size, length closed 4¼ inch, fancy chased vulcanized black rubber barrel, inlaid with fine mother of pearl with fancy chased gilt ferrules. Fancy gilt cap fitted with ring to be worn in vest pocket on end of Waltham chain. Goldine pen, stamped "14-k. gold plate." Each in box with filler. A fine showy pen. Per dozen..... 1.85

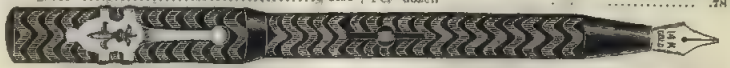


No. S4820. Fountain Pen, polished black rubber barrel, overlaid in center with Mother-of-pearl, with two fancy embossed gilt bands, cap is encased entirely in fancy gilt metal to match, screw tip, large size goldine pen stamped 14-k. gold plated. Each in a box with filler. A big flash.
Per gross ..... 24.00 | Per dozen 2.10

Self-Filling Fountain Pens -- Golden Pens



No. S4445. Self-Filling Fountain Pen. Full size metal barrel, gloss black finish, in assorted chased striped designs, tight fitting pen tip to which is attached a rubber tube permanently secured, remove tip with tube from barrel, press the rubber tube between fingers, meanwhile insert pen with tip into ink, release hold on tube, suction draws in the ink, insert back into the barrel and it is ready for writing, adapted for general use and will give good service, fitted with a goldine pen with cap; 3 dozen in box.
Per gross ..... 9.00 | Per dozen ..... .78



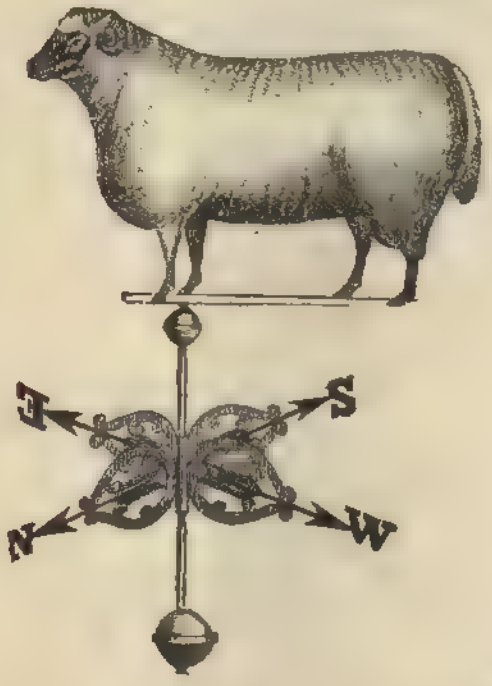
No. S4742. Self-Filling Fountain Pen, genuine rubber barrel, chased pattern, goldine pen, stamped "14-k. gold plate." New style of filling. The barrel is slotted with round opening in center and by pressure of a coin or the ball end of the clip it creates a suction of the rubber receptacle inside, which draws up the ink. Each pen fitted with steel ball clip; each in box. Per dozen 1.85

Self-Filling Solid Gold Fountain Pens

No. S4875. Self-Filling Fountain Pen, new style of filling, extra full size, genuine rubber barrel, chased pattern, with a round hole opening on side of barrel in size exactly to admit the ball of the clip. By gently pressing the clip through the hole it causes a suction of the rubber receptacle inside which draws it full of ink. Push-in tip. Solid gold 14-k. pen. Each with modern steel ball clip holder.
Per dozen ..... 7.00 | Each ..... .60

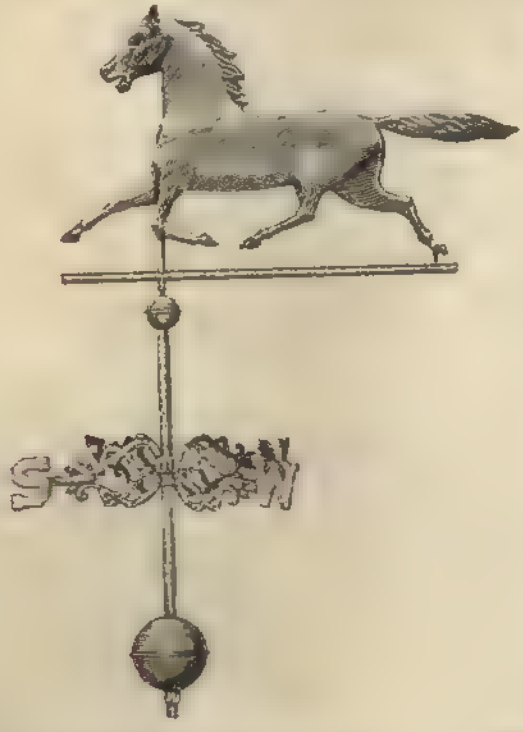
WEATHER VANES

COPPER, GILDED WITH GOLD LEAF



	Each
No. 22—Sheep, ¾ Full Bodied, 28 in. Long	$25 00

	Each
No. 53—Eagle and Arrow, 1¾ ft. Long	$21.00
No. 58—Eagle and Arrow, 3 ft. Long	47.00

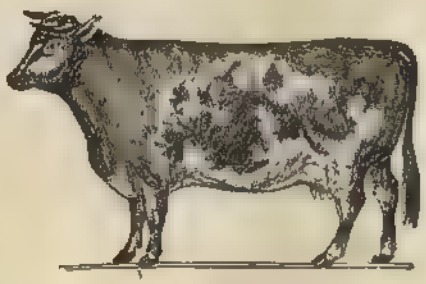


	Each
No. 200—Horse, Ethan Allen, Jr., ¾ Full Bodied, 26 in. Long	15.00
No. A9—Horse, Ethan Allen, Full Bodied, 26 in Long	25 00

	Each
No. 181—Arrow, 2 ft. Long	$ 8 00
No. 128—Arrow, 3½ ft. Long	18.00

WEATHER VANES

COPPER, GILDED WITH GOLD LEAF



	Each
No. 30—Cow, Full Bodied, 28 in. Long	$40.00

	Each
No. 332—Rooster, ¾ Full Bodied, 13 in. High, with Leathers and Ball	$ 7.50
No. 333—Rooster, ¾ Full Bodied, 24 in. High, with Leathers and Ball	15.00

BOUQUET HOLDERS

TULIP

	Each
No. D178—Cast Iron, Painted.	$1.00

VASES

DAYTON TULIP

	Each
No. D146-1—Unpainted, Height 17 in., Diameter of Vase 9 in., 9 in. Base. Weight Each 20 Lbs	$6.00
No. D146-1P—Painted, Otherwise Same as No. D146-1.	7.00

VASES

DAYTON BELL

	Each
No. D97-3—With Handles, Unpainted, Height to Top of Handles 36 in., Width Including Handles 32 in., Diameter of Vase 21 in., 17 in. Base, 2½ Gallon Reservoir, Weight Each 140 Lbs.	$21.00
No. D97-3P—Painted, Otherwise Same as No D97-3	23.00
No. D97-4—Without Handles, Unpainted, Height 31 in., Diameter of Vase 21 in., 17 in. Base 2½ Gallon Reservoir, Weight Each 125 Lbs.	18.00
No. D97-4P—Painted, Otherwise Same as No D97-4	20.00

DAYTON EARL

	Each
No. D68-1—With Handles, Unpainted, Height to Top of Handles 32 in. Width Including Handles 29 in., Diameter of Vase 18½ in., 3 Gallon Reservoir, Weight Each 110 Lbs.	$27.00
No. D68-1P—Painted, Otherwise Same as No D68-1	30.00

What you get

A better and easier selling fire extinguisher with more talking points, more advantages, more features of interest to your customer.

—A sales policy that excludes all but recognized dealers; that puts every dealer on an equal footing; that protects your market and profit; that removes the temptation of price cutting.

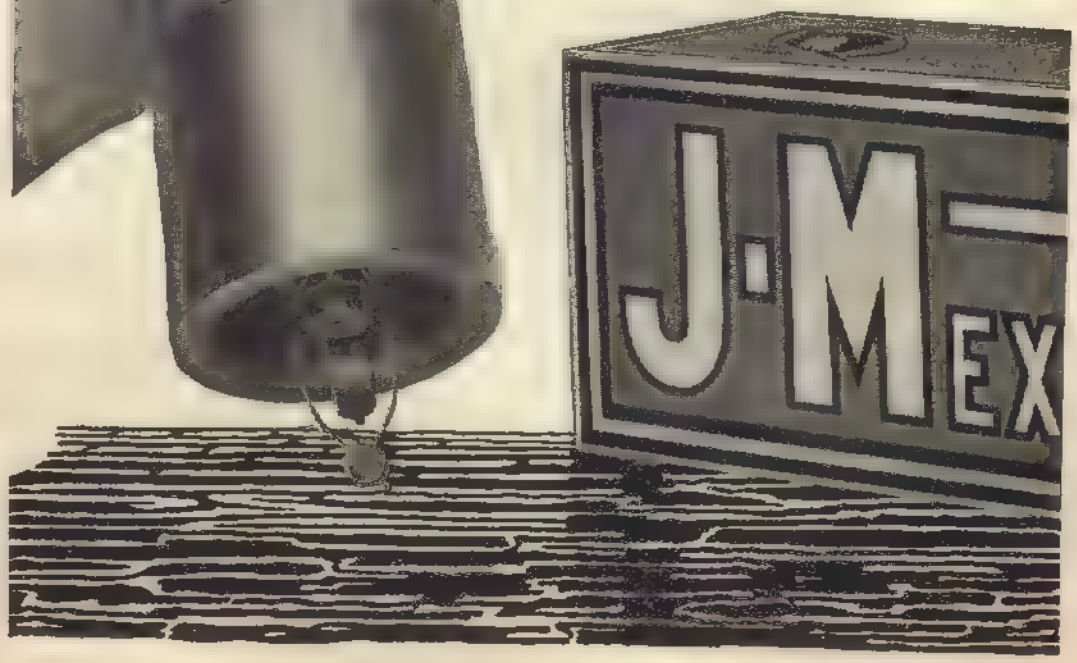
—Liberal discounts regardless of size of order, permitting small stocks, more rapid turnovers and larger net profits.

—The selling impetus of a comprehensive national advertising campaign reaching automobilists, factory owners, power plant operators and homes.

—A fire extinguisher trade-marked and guaranteed by an institution that serves more people in more ways than any other of its kind in the world and that serves them so efficiently that the name "Johns-Manville" is an asset to every dealer, meaning increased prestige and decreased selling effort.

Nickel or Brass Finish Bracket Included

$8.00



What your customer gets

—More and better fire protection made certain by many new and exclusive features.

—More flexibility of operation because this is the only fire extinguisher which—at the option of the user—can be pumped and discharged simultaneously or pumped and then discharged without further pumping.

—More certainty of result because this flexibility permits of effective use from cramped quarters.

—More assurance of the safety of the contents because the nozzle of the fire extinguisher is SEALED TO DISCOURAGE TAMPERING.

JOHNS MANVILLE SERVICE COVERS THE CONTINENT

—More safety for the operator because the powerful discharge enables the user to maintain a position thirty feet from the fire.

—More usefulness as a fire fighting device because the J-M liquid is deadly to any kind of fire, including fires of gasoline, oil and electrical origin which cannot be put out with water or other chemicals. J M Extinguisher liquid for recharging is sold in cans retailing at $1 00. This liquid is non-deteriorating and is the only liquid recommended for use and guaranteed for efficiency in the J-M Fire Extinguisher.

Inspected and labeled by the Underwriters' Laboratories, Inc., and entered on the list of approved fire appliances issued by the National Board of Fire Underwriters.

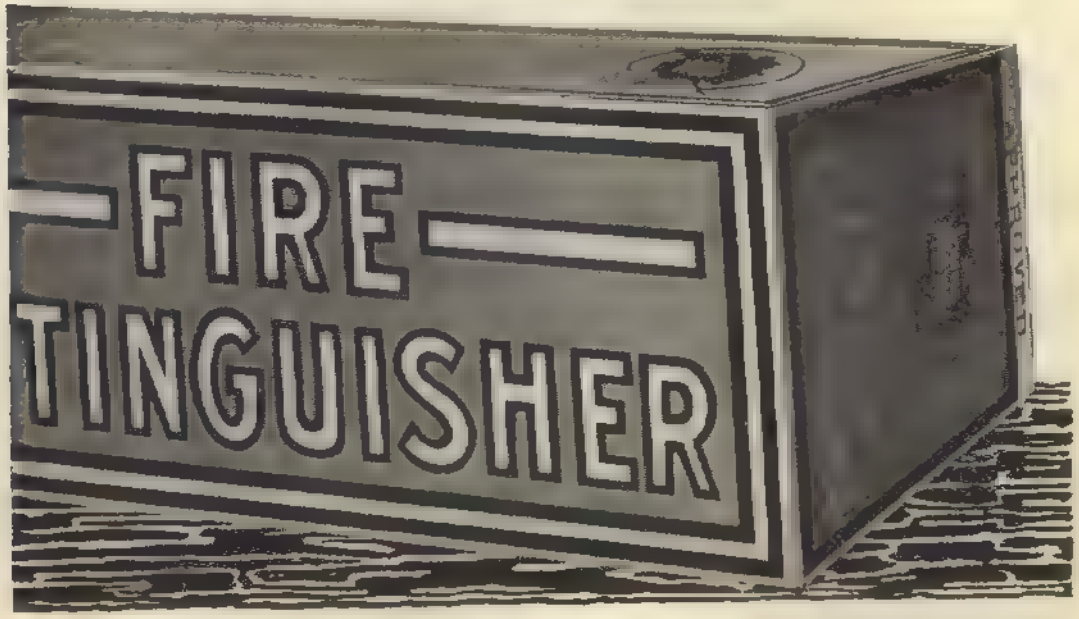
Entitles every automobile owner to 15% Reduction in his fire insurance premium.

Write nearest J-M Branch for full particulars of our trade policy as outlined on the opposite page.

H. W. JOHNS-MANVILLE CO.

Akron, Albany, Atlanta, Baltimore, Birmingham, Boston, Buffalo, Chicago, Cincinnati, Cleveland, Columbus, Dallas, Dayton, Denver, Detroit, Duluth, Galveston, Houghton, Houston, Indianapolis, Kansas City, Los Angeles, Louisville, Memphis, Milwaukee, Minneapolis, Nashville, Newark, New Orleans, New York, Omaha, Philadelphia, Pittsburgh, Portland, Rochester, [illegible], St. [illegible], Salt Lake City, San Francisco, Scranton, Syracuse, Toledo, Tulsa, Washington, Wilkes Barre, Youngstown

THE CANADIAN H. W. JOHNS-MANVILLE CO., LIMITED
Toronto, Montreal, Winnipeg, Vancouver

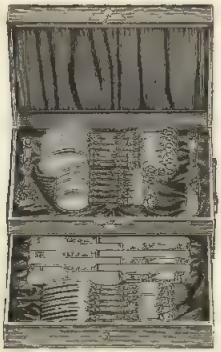


Teaspoon, Medium Knife and Fork actual size, balance reduced size

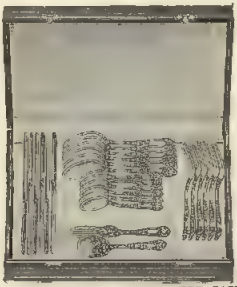
CELEBRATED LASHER SILVER

FANCY PIECES PUT UP IN LINED BOXES

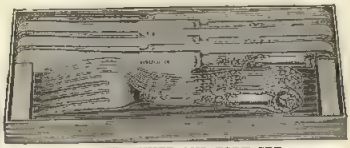
Lasher Silver is superior to any solid silver substitute on the market. While it is new to the trade it has been thoroughly tested by us before putting out and is guaranteed for a lifetime with every-day wear.



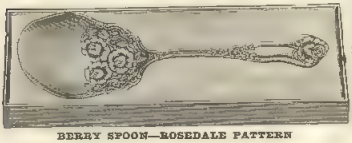
26-PIECE SET IN OAK CHEST WITH DRAWER
Rosedale Pattern
Six medium knives, 6 medium forks, 6 teaspoons, 6 tablespoons, 1 sugar shell, 1 butter knife.
No. 15486 Per set, complete $13.90



26-PIECE SET IN LEATHERETTE CASE
Rosedale Pattern
Six medium knives, 6 medium forks, 6 teaspoons, 6 tablespoons, sugar shell and butter knife
No. 15487 Per set $11.40



12-PIECE KNIFE AND FORK SET
Rosedale Pattern
Six medium solid handle knives, 6 medium forks
No. 15488 Per set $5.50



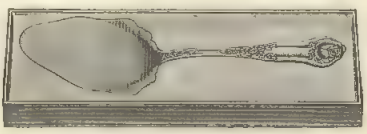
BERRY SPOON—ROSEDALE PATTERN
No. 15489 Each $1.20

ROSEDALE PATTERN

No.	Pcs.	
15480	Teaspoons	32.10
15481	Tablespoons	4.20
15482	Dessert spoons	3.36
15483	Sugar shells	3.35
15484	Butter knives	4.20
15485	Coffee spoons	2.10

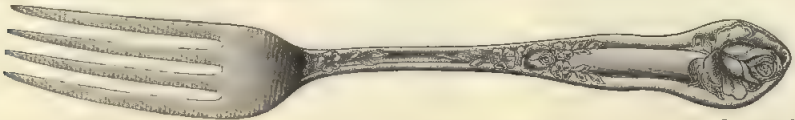
GRAVY LADLE—ROSEDALE PATTERN
No. 15490 Each $1.20

COLD MEAT FORK—ROSEDALE PATTERN
No. 15491 Each $0.84



PIE KNIFE—ROSEDALE PATTERN
No. 15492 Each $1.44

ROSEDALE MEDIUM KNIVES
No. 15493 Per dozen ..... Per dozen $6.96



No. 15494 Rosedale medium forks ..... Per dozen, $4.20
No. 15495 Rosedale dessert forks ..... Per dozen, 3.35

Lashar Silver

Solid Nickel Silver, Unplated

Lashar Silver is superior to any solid silver substitute on the market. While it is new to the trade, it has been thoroughly tested by us before putting out. The superiority of the finish is worthy of the metal,

A New Method of Improving Nickel Silver Alloy

Up to the present time all methods of improving the quality of nickel silver have been based on the use of fluxes or the treatment of metal in the crucible. A new and entirely novel process, however, has recently been discovered which is such a radical departure from the usual attempts to improve metal, that not only is much credit reflected on the inventor for experimenting along such original lines entirely away from the beaten path, but a new and non-corrosive product is produced which has heretofore not been manufactured. The sheet, spoon, fork or knife blade, or whatever the article may be, is then subjected to a special treatment by which a film of pure white nickel is produced. Nickel silver consists of copper, nickel and zinc. By this new process of treating nickel silver, the copper and zinc are removed from the "epidermis" of the metal, so to speak, so that a heavy surface of nearly pure nickel results.

The process is not, by any means, a plating process, as one might at first fancy, but, instead of adding anything to the weight of the metal, something is actually taken away, as there is left the hard, unyielding and non-corrosive surface of nickel, the properties of which are so well-known and so thoroughly respected. Mr. Thomas B. Lashar, of the Holmes & Edwards Silver Co., of Bridgeport, Conn., is the inventor of the process, the details of which are, at present, kept secret, but which consists in removing the copper and zinc from the surface of the alloy and leaving only the nickel exposed. The non-corrosive properties of pure nickel are so well-known that no further comment is necessary on this point.

FLORAL PATTERN

No. 15496	Tea spoons, per dozen	$2.10
No. 15497	Dessert spoons, per dozen	3.35
No. 15498	Table spoons, per dozen	4.20
No. 15499	Sugar shell, per dozen	3.35
No. 15500	Butter knives, per dozen	4.20
No. 15501	Cream ladles, per dozen	10.00

FLORAL—Solid Handle Medium Knives

No. 15502 Per dozen $6.95

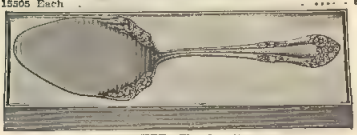
No. 15503 Floral Medium forks, per dozen $4.20
No. 15504 Floral dessert forks, per dozen 3.35

GRAVY LADLE—Floral pattern

No. 15505 Each $1.20

COLD MEAT FORK—Floral pattern.

No. 15506 Each $0.94



PIE KNIFE—Floral pattern

No. 15507 Each $1.44

BERRY SPOON—Floral pattern.

No. 15508 Each $1.20

WESTLEY-RICHARDS REPEATING RIFLE

THE WORLD'S MOST POWERFUL SMALL BORE RIFLE

This rifle represents the latest development and highest type of Sporting Accelerated Express Magazine Rifle. It is a clip-loaded with .318 calibre rimless cartridges. For a magazine rifle the rimless cartridge is undoubtedly far less likely than a rimmed cartridge to jam within the magazine. It also lends itself to a perfect clip loading system.

The .318 Accelerated Express Rifle offers an ideal combination of the enormous striking energy associated with the .400 High Velocity Cartridge, and of even flatter trajectory, than the Mannlicher type of small bore rifle, and consequently it has a smaller deviation in the rise or fall of the bullet, under an error in aiming, or judging the distance, with the results that in these unfavorable conditions, killing becomes less of a chance and more of a certainty.

SPECIFICATIONS, WESTLEY-RICHARDS .318 CALIBRE

Round "Take-down" barrel, 5 shot, hinged cover plate on magazine. Single trigger, bolt action. Walnut stock, full pistol grip, cheek piece, checkered hand and fore-end, trap heel plate with cleaning rod and brushes. Sighted standard and 4 leaves to 500 yards, or standard and 2 leaves and tangent to 1200 yards; platina tipped bead foresight. Swivels for sling strap.

No. **R26.** 26-inch barrel, weight 7¾ lbs. . . . .318 calibre **$110 00**

No. **R21.** 21-inch barrel, weight 7½ lbs. . . . . .318 calibre **110 00**

Imported cartridges full mantled nickeled solid bullet, in clips, 250 Gr. bullet, per 100. **15 00**

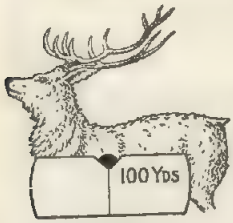
Imported cartridges, round nose, capped expanding, in clips, 250 Gr. bullet, per 100. . **15 00**

Imported cartridges, L. C. Pointed, capped expanding, in clips, 250 Gr. bullet, per 100. **15 00**

No. **R24.** 24-inch barrel, weight 7½ lbs. for U. S. Gov. '06 cartridges **110 00**

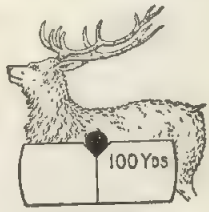
No. **35.** Lyman Receiver Sight, attached **$7.00** No. **35.** Lyman Sight, not attached . . . **5.25**

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices.



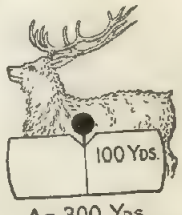
AT 100 YDS

Position of shots on animal, distance 100 yards, with 100 yards' sight, taking fine bead. **Velocity at muzzle, 2500 ft.sec. Energy at muzzle 3466 ft. lbs. Velocity at 100 yds. 2287 ft. sec. Energy at 100 yds. 2900 ft. lbs.**



AT 200 YDS.

Position of shots on animal, distance 200 yards, using 100 yards' sight with full bead, correcting a bullet drop of 8½ inches. **Velocity at 200 yds. 2088 ft. sec. Energy at 200 yds. 2118 ft. lbs.**



AT 300 YDS

Position of shots, distance 300 yds. aiming with bead and stem showing through "V" of rear sight, correcting a bullet drop of 27 inches. **Velocity at 200 yds. 1916 ft.sec. Energy at 300 yds. 2036 ft.lbs.**

WESTLEY-RICHARDS REPEATING RIFLE

THE WORLD'S MOST POWERFUL BIG BORE RIFLE

This rifle is adapted for big game, such as the grizzly bear, lion and other dangerous animals, and has a tremendous striking power combined with extreme accuracy. The mean velocity of bullet is 2350 f. s. and the energy 3022 f. lbs. Hundreds of them have been used successfully by East African hunters on elephants, rhinoceros, buffalo, and smaller game.

It is highly recommended by the well-known hunter, F. C. Selous, and Edward C. Crossman, America's foremost rifle expert, says: "The .425 with both capped and solid bullet blasted thru one-half inch of steel with a tensile strength of 65,000 pounds, making a hole nearly an inch across. For a light, tremendously powerful rifle this is at the head of the list. I would put more faith in this gun for a mean bear, lion or tiger than in any rifle I have seen."

Specifications, Westley-Richards .425 Calibre.

Take-down, round barrel, 5-shot box hinged magazine. Single trigger, bolt action. Pistol grip, checkered grip and fore-end, check piece, rubber recoil pad. Sighted standard and 4 leaves to 500 yards, or standard and 2 leaves and tangent to 1200 yards; platina tipped bead foresight. Swivels for sling strap.

No. **M26.** 26-in. barrel, weight 9 7/16 lbs., .425 Calibre..... **$165 00**

No. **M22.** 22-in. barrel, weight 8 3/4 lbs., .425 Calibre..... **165 00**

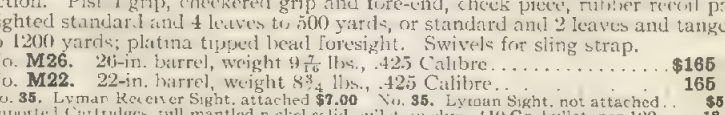
No. **35.** Lyman Receiver Sight, attached **$7.00** No. **35.** Lyman Sight, not attached.. **$5.25**

Imported Cartridges, full mantled nickel solid bullet, in clips, 410 Gr. bullet, per 100 **18.00**

Imported Cartridges, round nose, capped expanding, in clips, 410 Gr. bullet, per 100. **18 00**

Imported Cartridges, L. T. Pointed, capped expanding, in clips, 410 Gr. bullet, per 100 **18 00**

THE ROSS HIGH POWER .280 CAL. RIFLE



While the calibre of the Ross 280–1000 is comparatively small, in actual use it has proven very effective against large game, especially when used with the Ross patent copper tube expanding 145 grain bullet cartridge. It has a "straight pull" bolt action, easily manipulated, and a "throw-over" safety device. The practical point blank range is 300 yards, owing to its very flat trajectory, which is only 14 inches at 500 yards.

This rifle embodies the greatest advance ever made at one step in increase of velocities. Experience shows that with the resulting flatness of trajectory it is unnecessary to judge the distance so long as you can see the animal clearly enough to aim at. The killing power is very great, the muzzle energy being, in point of fact, over 3150 foot pounds.

The magazine holds 4 cartridges. Regularly fitted with single leaf rear sight and silver bead front sight.

No. **M10.** 26 or 28-in. round barrel, solid frame, weight about 7¾ lbs.... **$55 00**

No. **R10.** Folding Peep Sight, not adjustable..... **$4.00**

No. **44.** Ivory Bead Front Sight..... **75**

No. **280.** Ross Copper Tube (145 Gr.). Cartridges Box 20..... **2 00**

Cartridges are not delivered free unless bought in connection with rifles.

Rifles Delivered Prepaid in U. S. if Cash is Sent with Order at Above Prices

Dynamite.

Dynamite, Dynamite Caps and Electrical Fuzes are Not Carried in Stock. Write for Market Prices.

AETNA OR DUPONT FARM DYNAMITE.

For Sub-Soiling, Tree Planting and Other Agricultural Blasting

	Per 100 Lbs
Aetna or Dupont Farm Dynamite	$

STUMP DYNAMITE.

To Meet Conditions where an Explosive Especially Adapted to Stumps is Needed

	Per 100 Lbs.
Aetna or Dupont Stump Dynamite	$

AETNA LOW FREEZING STRAIGHT OR DUPONT RED CROSS LOW FREEZING STRAIGHT DYNAMITE

Standard Size of Cartridge 1¼x8 in.

Per Cent	30	40	50	60
Per 100 Pounds	$			

AETNA LOW FREEZING STANDARD OR DUPONT RED CROSS LOW FREEZING EXTRA DYNAMITE

Standard Size of Cartridge 1¼x8 in.

Per Cent	30	40	50	60
Per 100 Pounds	$			

25 and 50 Pounds in a Box.

Dynamite and Powder can be shipped together, but under no circumstances can they be shipped with Dynamite Caps, Electrical Fuzes or any other goods. Dynamite and Powder cannot be shipped by Express or Boat. Dynamite takes Double First-Class Rates. Dynamite in Lots of 200 Pounds and Over will be shipped Freight Prepaid, Less than 200 Pounds, F. O. B. nearest distributing point.

Can ship Dynamite from Romeo, Ill., Ladysmith, Wis., Fond du Lac, Wis., Green Bay, Wis., Grand Rapids, Wis., Barksdale, Wis., Rice Lake, Wis., Hurley, Wis., Minneapolis, Minn., Duluth, Minn., Monroe, Mich., Saginaw, Mich., Iron Mountain, Mich., Marquette, Mich.

Dynamite Caps.

	Per 100
No. XXXXX—Dynamite Caps	$14 00
No. XXXXXX—Dynamite Caps	17 35

100 in a Metal Box

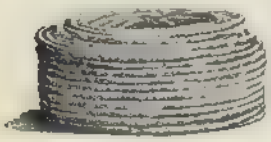
Electrical Fuzes.

Length Wire, Feet	4	6	8	10	12
No. 6—Double Strength. Per 100,	$7.00	8.10	9.20	10.25	11.35
No. 7—Triple Strength. Per 100,	8.00	9.10	10.20	11.25	12.35

Dynamite Caps and Electrical Fuzes cannot be shipped with either Dynamite or Powder, nor with other Goods, but in all cases must be shipped alone by Freight. This frequently is the cause that our customers receive a shipment of Dynamite one day and the Dynamite Caps 2 or 3 days later, but same cannot be avoided.

Electrical Fuzes and Dynamite Caps take Double First-Class Rate in Lots less than 100 Pounds. Can ship from Romeo, Ill., Ladysmith, Wis., Fond du Lac, Wis., Grand Rapids, Wis., Barksdale, Wis., Minneapolis, Minn., Monroe, Mich., Grand Rapids, Mich.

Safety Fuse.



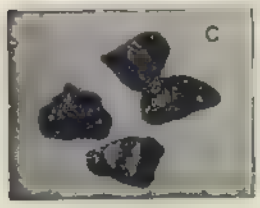
	Per 1000 Feet
Beaver — (Hard Yellow Countering) Waterproof Fuse, for Use in Wet Ground	$7.80
Anchor — (Hard White Countering) Waterproof Fuse, for Use in Very Wet Ground	9.35

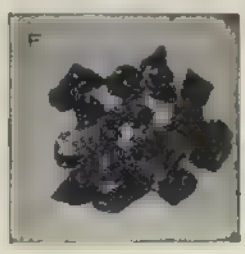
Cap Crimpers and Fuse Cutters.

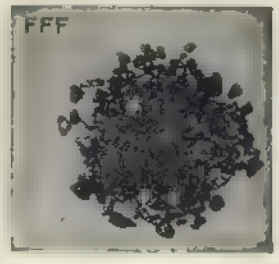
	Per Dozen
No. 1—Combination Crimper and Cutter, Nickel Plated	$6 70

Blasting Powder.

Write for Market Prices.







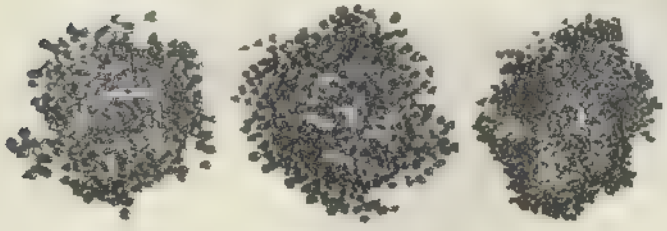
	Per Keg
Blasting Powder—In 25 Lb. Kegs, C, F, FF, FFF	$

Can ship from Romeo, Ill., Springfield, Ill., Mooar, Ia., Fond du Lac., Wis., Des Moines, Ia., Grand Rapids, Mich., Monroe, Mich., Minneapolis, Minn., Duluth, Minn., and Chicago, Ill.

Blasting Powder cannot be Packed with other Goods, nor can it be sent by Boat or Express, but Must be Shipped by Freight.

Black Gun Powder.

Powder is Not Carried in Stock.



FG FFG FFFG

	Each
Kegs—25 Lbs., (FG, FFG, FFFG)	$11.65
½ Kegs—12½ Lbs., (FG, FFG, FFFG)	6 45
¼ Kegs— 6¼ Lbs., (FG, FFG, FFFG)	3.55
1 Pound Cans—(FG, FFG, FFFG)	.56
½ Pound Cans—(FG, FFG, FFFG)	.34

Can ship from Fond du Lac., Wis., Des Moines, Ia., Chicago, Ill., Duluth, Minn., Minneapolis, Minn.

Black Gun Powder cannot be Packed with other goods, nor can it be sent by Boat or Express, but must be shipped by Freight.

Smokeless Shot Gun Powder.

BALLISTITE SMOKELESS

	Each
Kegs—Equal in Bulk to 25 Lbs. Black Powder	$26 40
½ Kegs—Equal in Bulk to 12½ Lbs. Black Powder	13 50
¼ Kegs—Equal in Bulk to 6¼ Lbs. Black Powder	6 90
10 Pound Drums	10 80
Canisters—Equal in Bulk to 1 Lb. Black Powder	1 20

DU PONT SMOKELESS

Smokeless Shot Gun Powder.

Powder is Not Carried in Stock.

Smokeless Powder is in all Cases Sold in Bulk, Not by Weight.

Smokeless Shot Gun Powder cannot be Packed with other Goods, nor can it be sent by Express. Can ship from Fond du Lac, Wis., Detroit, Mich., Duluth, Minn., Minneapolis, Minn., Chicago, Ill., and Des Moines, Ia. Powder cannot be shipped by Boat or Express, but Must Go by Freight.

DEAD SHOT SMOKELESS

	Each
Kegs—Equal in Bulk to 25 Lbs. Black Powder	$26.40
½ Kegs—Equal in Bulk to 12½ Lbs. Black Powder	13.50
¼ Kegs—Equal in Bulk to 6¼ Lbs. Black Powder	6.90
Canisters—Equal in Bulk to 1 Lb. Black Powder	1.20

	Each
Kegs—Equal in Bulk to 25 Lbs. Black Powder	$26.40
½ Kegs—Equal in Bulk to 12½ Lbs. Black Powder	13.50
¼ Kegs—Equal in Bulk to 6¼ Lbs. Black Powder	6.90
Canisters—Equal in Bulk to 1 Lb. Black Powder	1.20

Reloading Tools.

IDEAL BULLET MOULD

	Each
No. 10—Ideal Bullet Moulds, Grooved, Wood Handle, All Calibers	$1.00

When Ordering, Always Specify Caliber of Cartridge for which it is wanted.

Bullet Moulds are Shipped F. O. B. Factory.

IDEAL

	Per Set
No. 1—Ideal, Nickel Plated, with Cap Extractor, and Charge Cup	$8.25

Suitable for the Following Cartridges:

32 Short.
32 Long U. M. C. and Colt's.
32 S. & W. Short.
32 Extra Long.
38 Short
38 Long, Outside Lubricant.
38 Extra Long.
38 S. & W
41 Short Colts, D. A.
41 Long Colts, D. A.

This is a light, compact and complete little Tool, designed especially for loading the smaller Pistol Cartridges, and is capable of performing all the operations required in reloading. As constructed, it moulds the bullet, expels the exploded primer, reseats the new one, forces the bullet to place and crimps the shell upon it, leaving the cartridge ready for use

IDEAL DIPPER, POT AND HOLDER

	Each
No. 5—Ideal Dippers, Wood Handle	$0 75
No. 6—Ideal Melting Pots	.75
No. 7—Ideal Pot Holders	.75

IDEAL

	Per Set
No. 8-S—Ideal Special, with Single Adjustable Chamber, Cap Extractor and Charge Cup (No Mould)	$4.45
No. 8D—Ideal Special, with Double Adjustable Chamber, Cap Extractor and Charge Cup (No Mould)	5.35

Suitable for the Following Cartridges:

25-20 Stevens' and Winchester Single Shot.	38-55 Winchester and Marlin
25-20 Marlin and Winchester Repeaters.	38-56 Winchester, Colt's and Marlin.
25-20 and 25 25 Stevens.	40-60 W. C. F.
25-35 Winchester.	40-60 Colt's and Marlin.
25-36 Marlin.	40-65 W. C. F
30-40 U. S. Army	40-70 Bottle Neck.
30-30 Winchester, Marlin and Savage.	40-72 Winchester
32-40 Marlin H. P.	40-82 W. C. F
32 Winchester Special.	45-60 W. C. F
32 Marlin H. P.	45-70-405 U. S. Gov't.
	45-70-500 U. S. Gov't.
	45-70 Marlin
303 Savage	45-90 W. C. F.

Per Set $4.45

For Hand Reloading this Implement is the Handiest and Most Complete Tool Made.

Kitchen Cabinets.

Oak.

Golden Oak Finish, Waxed Nickel Plated Trimmings, Interior of Top Compartments White Enameled, Drop Roll Curtain.

Each

No. 85 90—Height 6 ft., Width 4 ft. 8½ in., Depth 27 in. Closed, 38 in. Open, Tilting Metal Flour Bin, Swinging Glass Sugar Bin, 7 Piece Set of Glass Jars, Portable Metal Cake Compartment with Metal Door and Wire Shelves, 1⅛ in. Thick Bolted Sliding Maple Top, All Metal Bread and Cake Drawer with Automatic Sliding Metal Lid, Extra Heavy Banded Sliding Cutting Board, Two Sliding Galvanized Trays and Wire Shelf in Base.....$65 50

Weight Each, Crated, About 300 Pounds.

NOTE—For Sliding Nicolene Top, Add $2.80 Extra.

Oak.

Golden Oak Finish, Waxed, Nickel Plated Trimmings Side Roll Curtain

Each

No. 76 16—Height 68 in., 27x40 in. Sliding Nicolene Top, Tilting Metal Flour Bin, Swinging Glass Sugar Bin, 7 Piece Set of Glass Jars, Sliding Galvanized Tray and Wire Shelf in Base.....$48 10

Weight Each, Crated, About 230 Pounds

Note—For White Enameling Interior of Top Compartments, Add $3.85 Extra.

Oak.

Golden Oak Finish, Waxed, Nickel Plated Trimmings, Drop Roll Curtain.

Each

No. 74 16—Height 68 in., 27x40 in. Sliding Nicolene Top, Tilting Metal Flour Bin, Swinging Glass Sugar Bin, 7 Piece Set of Glass Jars, Sliding Galvanized Tray and Wire Shelf in Base.....$49.20

Weight Each, Crated, About 230 Pounds.

Oak.

Golden Oak Finish, Waxed, Nickel Plated Trimmings

Each

No. 71 16—Height 68 in., 27x40 in., Sliding Nicolene Top, Tilting Metal Flour Bin, Glass Sugar Bin, 7 Piece Set of Glass Jars, Sliding Galvanized Tray and Wire Shelf in Base . . .$47 00

Weight Each, Crated, About 230 Pounds.

NOTE—For White Enameling Interior of Top Compartments, Add $3 35 Extra

Kitchen Cabinets.

Oak.

Golden Oak Finish, Waxed, Nickel Plated Trimmings.

Each

No 21-25 Height 66 in 25x40 in Sliding Nicolene Top, Tilting Metal Flour Bin, 7 Piece Set of Glass Jars Sliding Galvanized Tray in Base $40 00

Weight Each Crated, 200 Pounds.

For White Enameling Interior of Top Compartment Add $3 35 Extra.

Oak Front.

Golden Oak Finish, Waxed, Nickel Plated Trimmings.

Each

No. 40-12—Height 70 in 25x42 in Top, Tilting Metal Flour Bin, Galvanized Bottom in Base.....$26 50

Weight Each Crated 180 Pounds.

For Nicolene Top Add $2 80 Extra
For White Enameling Interior of Top Compartments Add $3 35 Extra.

Oak Front.

Golden Oak Finish Waxed, Nickel Plated Trimmings.

Each

No. 47-8—Height 58 in., 28x42 in. Top.....$20.00

Weight Each. Crated, 145 Pounds.

For Nicolene Top Add $2.80 Extra.
For White Enameling Interior of Top Compartment Add $3 35 Extra.

Oak Front.

Golden Oak Finish, Waxed, Nickel Plated Trimmings.

Each

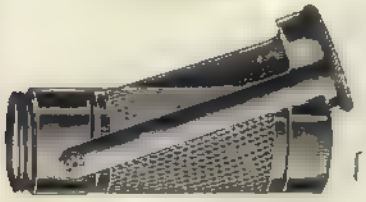
No. 46-6½—Height 58 in., 28x42 in. Top.....$18 35

Weight Each, Crated, 145 Pounds.

For Nicolene Top Add $2 80 Extra.
For White Enameling Interior of Top Compartment Add $3 35 Extra.

Match Safes.

MARBLE'S



Waterproof.

	Per Dozen
No. 181—2 ½x⅞ in., Nickel Plated Brass	$9 00

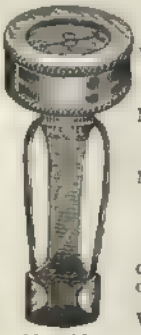
The Knurled Flange holds Gasket securely in place

It can be quickly opened and closed in the dark, and is absolutely Water and Moisture Proof.

Weight Per Dozen About 1½ Pounds.

Compass and Brackets.

MARBLE'S



No. 182.

Waterproof Screw Case.

	Each
No. 182—1⅛ in. Box, Agate Bearing, Stationary Dial	$1.85
No. 186—1⅛ in. Box, Agate Bearing, Revolving Dial, without Bracket	1.85
No. 082—1⅛ in. Box, Agate Bearing, Revolving Dial, with Bracket	2.25

The Bracket is made like a double Safety Pin, and fastens securely to the Coat, Vest or Belt

Weight Per Dozen About 1½ Lbs.

No 082

Pocket Compasses.

Solid Brass Case, Aluminum Dial, 4 Point Aluminum Needle, Agate Caps, Leather Fob.

	Per Dozen
No. 1000—2 in., Hunters' and Auto Compasses	$40.00
No. 1050—1¾ in., Hunters' and Auto Compasses	33.50

Solid Brass Case, Aluminum Dial, Large Agate Cap, Heavy Steel Pivot, Leather Fob.

	Per Dozen
No. 2000—2 in., Hunters' and Auto Compasses	$40.00
No. 2050—1¾ in., Hunters' and Auto Compasses	33.50

Can be Read in the Dark as Well as in the Light.
Weight Per Dozen About 4 Pounds

Brass Case, Loose Cover, Card Dial

Nos.	12	14
Inches	1½	1¾
Weight Dozen, Lbs.	1	1
Per Dozen	$4 80	5.40

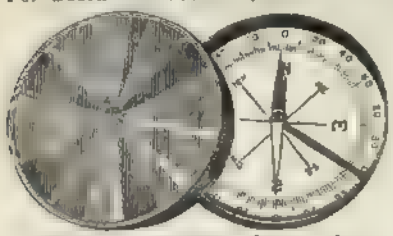
No. 1313—Brass Case, Open Face, Silvered Bottom, with Ring.

Inches	1⅝	2
Weight Dozen, Lbs.	1	1
Per Dozen	$8 00	11.50

White Metal Case, Untarnishable Silvered Metal Dial, Heavy Tempered Steel Point

	Per Dozen
No. 2920—Leedawl, 1¾ in., Snap in Beveled Crystal Glass, Screw Stop	$20.00

Weight Per Dozen About 1 Pound.

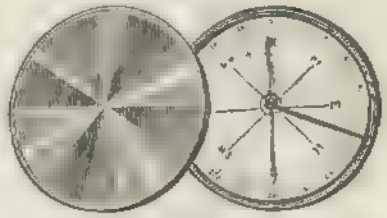


No. 1315—Brass Case, Loose Cover, Full Division, Silvered Bottom, Agate Cap, Flat Needle, with Stop.

Inches	1⅝	2	2⅝
Wt Dozen, Lbs.	1	1½	2
Per Dozen	$16 20	19 20	21 60

No. 1317—Brass Case, Loose Cover, Full Division, Silvered Bottom, Agate Cap, Deep Bar Needle, Automatic Stop

Inches	2⅛	2½	3	3⅝
Wt. Dz., Lbs.	1½	2½	5	5½
Per Dozen	$38.35	43 15	45.55	51.55



No. 1324—Brass Case, Loose Cover, Full Division, Silvered Bottom, Agate Cap, Deep Bar Needle, Automatic Stop

Inches	2	2⅜	2⅞
Wt. Dozen, Lbs.	2½	3	4½
Per Dozen	$26 40	31.15	37.15

No. 1318—Stout Brass Case, Loose Cover, Full Division, Raised Silvered Circle, Agate Cap, Deep Bar Needle, Automati Stop

Inches	2¼	2½	3	3⅝
Wt Dz Lbs.	1½	5	7	7½
Per Dozen	$43.15	46 75	50.35	56 35

Pocket Compasses.

Black Walnut Case, Hinged Cover, Full Division Silvered Bottom, Automatic Stop.

	Per Dozen
No. 1821—2⅝ in., Flat Needle	$26.40
No. 1821—3 in., Flat Needle	28.80
No. 1822—3 in., Deep Bar Needle, Agate Cap	33 58

Weight Per Dozen About 5 Pounds.

Brass Case, Hinged Cover, Full Division on Raised Silvered Circle, Agate Cap, Flat Needle, with Stop

Nos.	1717	1718
Size, Inches	1¾	2
Per Dozen	$27.60	28.80

Weight Per Dozen About 1½ Pounds.

No. 425—Watch Pattern, Nickel Plated Hunting Case, Full Division, Agate Cap, Deep Bar Needle, Automatic Stop.

Size, Inches	1¾	2	2¼
Weight Per Dozen, Lbs	1½	2½	3
Per Dozen	$47 50	55 15	64 75

Watch Pattern, Nickel Plated Hunting Case, Full Division, Flat Needle, Brass Cap

Nos.	27	28
Size, Inches	1⅛	1⅞
Weight Per Dozen, Lbs	1	1
Per Dozen	$16.75	19 20

Watch Pattern, Nickel Plated Embossed Case, Full Division, Flat Needle, Fine Agate Cap.

	Per Dozen
No. 1305—Size 1¾ in.	$21 60

Weight Per Dozen About 1½ Pounds.

Surveyors' Compasses.

No. 1753.

No. 1753 Folding Sights, Full Division on Raised Silvered Circle, Fine Agate Cap, Flat Needle with Stop, Nickel Plated Brass Case, Hinged Cover.

Size, Inches	2¾
Weight Per Dozen About, Lbs	5
Each	$10.80

No. 1334.

No. 1334 Folding Sights, Full Division on Raised Silvered Circle, Fine Agate Cap, Deep Bar Needle with Stop, Heavy Brass Open Case, with Ball and Socket Adjustment.

Size, Inches	2¾	3⅝	4
Weight Per Dozen, Lbs	7½	9	10
Each	$10.80	12.00	13 20

No. 1333 Folding Sights, Full Division on Raised Silvered Circle, Fine Agate Cap, Deep Bar Needle with Stop, Heavy Brass Open Case, without Ball and Socket Adjustment

Size, Inches	2¾	3⅝	4
Weight Per Dozen, Lbs	6	7½	9
Each	$7 20	9.60	10.80

Saddle Chimes.

RUSSIAN

Each

No. 02—Nickel Plated $4.95

Weight Each About 2 Pounds.

Each

No. 435—Nickel Plated $3.00

Weight Each About ½ Pound.

Shaft Chime Sleigh Bells.

Per Pair

No. 105—Three Nickel Plated Bell Metal Bells, Leather Strap $1.30

Weight Per Pair About 1¼ Pounds

Per Pair

No. 100—Three Nickel Plated Steel Bells, Japanned Steel Strap $0.90

No. 102—Three Brass Plated Steel Bells, Japanned Steel Strap ..... .90

Weight Per Pair About 1½ Pounds

Per Pair

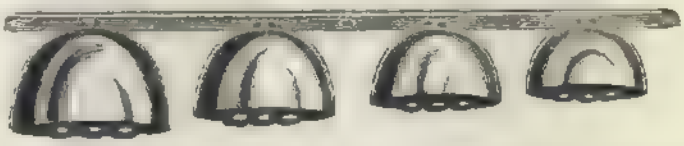
No. 240—Three Nickel Plated Bell Metal Bells, Nickel Plated Brass Strap $3.65

Weight Per Pair About 3 Pounds

Per Pair

No. 33—Three Nickel Plated Bell Metal Bells, Nickel Plated Brass Strap $2.65

Weight Per Pair About 2 Pounds



Per Pair

No. 122—Four Nickel Plated Steel Bells, Calmed, Japanned Iron Strap $1.65

No. 21—Four Nickel Plated Swiss Bells, Harmonized, Japanned Iron Strap 3.30

Weight Per Pair About 2½ Pounds.

Per Pair

No. 0½—Four Nickel Plated Swiss Bells, Harmonized Nickel Plated Brass Strap $4.10

No. 0—Four Nickel Plated Swiss Bells, Tuned, Nickel Plated Brass Strap 6.40

Weight Per Pair About 3½ Pounds

Per Pair

No. 222—Four Nickel Plated Swiss Bells, Harmonized, Nickel Plated Steel Strap $3.30

Weight Per Pair About 3½ Pounds.

Per Pair

No. 065—Four Nickel Plated Bell Metal Bells, Harmonized, Japanned Steel Strap $3.85

Weight Per Pair About 3½ Pounds

Sleigh Bells.

Body Strap, Wrought Brass Arctic Bells, White Metal Finish, Riveted to Black Leather Strap.

			Per String
No. 131	24	1⅛ in Bells	$2.55
No. 132	30	1⅛ in. Bells	2.85
No. 133	30	1¼ in Bells	3.30

Weight Per String About 10 Pounds.

Body Strap, Globe Bells, Riveted to Black Leather Strap.

			Per String
No. 341	30	No. 2 White Metal Bells	$5.30
No. 1930	30	No. 2 Oroide Finish Bells.	5 30
No. 3410	30	No. 2 Nickel Plated Bells	5 15
No. 194	36	No. 2 Nickel Plated Bells	6 05
No. 195	42	No. 2 Nickel Plated Bells	6 60

Weight Per String About 15 Pounds

Nos. 209 and 193.

Nos. 169 to 181

Body Strap, Rim Bells.

			Per String
No. 6020	24	Common Tinned Rim Bells, 16 No 2, 8 No 3, Riveted to Black Leather Strap.	$3 65
No. 6021	30	Common Tinned Rim Bells, 20 No 2, 10 No 3, Riveted to Black Leather Strap	4 20
No. 160	20	No 3, Common Tinned Bell Metal Bells Riveted to Black Leather Strap	3 00
No. 177	30	No 2, Common Tinned Bell Metal Bells Riveted to Black Leather Strap.	3 65
No. 181	30	No. 3, Common Tinned Bell Metal Bells, Riveted to Black Leather Strap.	4 20
No. 209	30	No. 4, Nicke. Plated Bell Metal Bells, Riveted to Black Leather Strap.	6 60
No. 193	30	No. 2, Bell Meta. Bells, Extra White Metal Finish Riveted to Black Leather Strap	4 95

Average Weight Per String About 10 Pounds

Body Strap, Beveled Bells.
Bell Metal Bells, Black Leather Strap.

			Per String
No. 304	30	No 2 Extra White Metal Finish Bells	$5.30
No. 311	36	No 2 Nickel Plated Bells	6 60

Weight Per String About 10 Pounds.

Body Strap, Arctic Bells.
Nickel Plated Wrought Steel Bells, Black Leather Strap.

			Per String
No. 37	30	1⅛-in. Bells	$2.65
No. 43	30	1¼-in Bells	3 00
No. 633	36	1¼-in Bells	3 30

Weight Per String About 10 Pounds

Loose Sleigh Bells.

Round, Polished Brass.

Nos.	1	2	3	4	5	6	7	8	9	10
Diameter, Inches	1⅛	1⅛	1⅜	1½	1⅝	1¾	1⅞	2⅛	2¼	2⅜
Wt. Dozen About, Lbs.	1¼	1¼	1⅝	1½	1⅝	2	3	3½	4	5
Per Dozen	$0.68	.86	1.12	1.35	1.62	1.91	2.23	2.59	3.13	3.71

Open Stock

Horse Car Bells.

Tinned.

			Per Pound
No. 04	3½	in Diameter Mouth	$0.31

Open Stock.

Open House Bells.

Brass, Half Polished.

Nos.	1	2	3	4	5	6	7
Diameter, Inches	2⅛	2⅜	2⅝	2⅞	3⅛	3⅜	3¾
Per Pound	$0.88	.88	.88	.88	88	88	88

White Metal, Polished.

Nos.	1	2	3	4	5	6	7
Diameter, Inches	2⅛	2⅜	2⅝	2⅞	3⅛	3⅜	3¾
Per Pound	$0 88	.88	.88	.88	.88	.88	.88

Brooch Pins

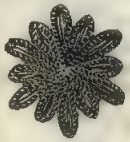
Select Styles and Choice Values. Every Pattern Carefully Selected, for Appearance, Finish and Great Selling Qualities

J5806

J5807

No. J5806. Fish Design Brooch, gold plated, English gold finish; a good reproduction.
Per gross ..... 1.00 | Per dozen ..... .10

No. J5807. Revolver Design Brooch, gold plated, Roman finish; a good copy.
Per gross ..... 1.10 | Per dozen ..... .10



J1000

J1001

No. J1000. Brooch Pin, in assorted color enameling, Roman finish, each on card marked "Price 10 cents."
Per gross ..... 1.00 | Per dozen ..... .10

No. 1001. Cupid Design Brooch, Roman finish, fancy embossed wings.
Per gross ..... 1.00 | Per dozen ..... .10

J1002

J5803

No. J1002. Butterfly Design Brooch, Roman finish in colored enamel.
Per gross ..... 1.00 | Per dozen ..... .10

No. J5803. American Eagle Design Brooch Pin, well formed figure of American eagle in English bright gold finish, with safety pin back.
Per gross ..... 1.00 | Per dozen ..... .10

J5809

J5896

No. J5809. Rooster Design Brooch, polished gold finish, fancy chased.
Per gross ..... 1.10 | Per dozen ..... .10

No. J5896. Brooch, four-leaf clover and horseshoe design in green enamel.
Per gross ..... 1.10 | Per dozen ..... .10

J5895

J5801

J5800

No. J5895. Brooch, crescent and floral design in assorted colors enamel. Popular design.
Per gross ..... 1.00 | Per dozen ..... .10

No. J5801. Brooch Pin, bright gilt finish, 4 leaf clover with twig, leaves enameled in colors.
Per gross ..... 1.10 | Per dozen ..... .10

No. J5800. Brooch, heart design, bright gilt finish, turquoise stone setting top, pressed bead design; desirable for scheme trade; big, flashy item
Per gross ..... 1.10 | Per dozen ..... .10

J5808

J1003

No. J5808. Charles Chaplin Brooch, polished gold finish, raised figure.
Per gross ..... 1.10 | Per dozen ..... .10

No. J1003. Bird Design Brooch, embossed in assorted beautiful tints, iridescent enameling; makes very showy article.
Per gross ..... 1.25 | Per dozen ..... .12

No. J5899. Bluebird Design Brooch, fancy enameled in blue and pink tints.
Per gross ..... 1.25 | Per dozen ..... .12

J5802

J5906

No. J5802. Pussy Cat Design Brooch, an exact copy of head and features and front of a pussy cat, stamped and embossed, finished in illuminated air brush metal colors.
Per gross ..... 1.25 | Per dozen ..... .12

No. J5906. Butterfly Design Brooch, fancy carved in assorted color enamel.
Per gross ..... 1.25 | Per dozen ..... .12

Brooch Pins Attractive and Popular Styles - Low Prices

J5897

J5895

No. J5897. Bowknot Design Brooch, fancy carved in assorted color enamel.
Per gross .....1.25 Per dozen ..... .12
No. J5895. Brooch, lady's head design, fancy carved in assorted colors enamel.
Per gross .....1.25 | Per dozen ..... .12

J1004

J1006

No. J1004. Leaf Design Brooch, in assorted color enameling, Roman finish; very showy.
Per gross .....1.25 | Per dozen ..... .12
No. J1006. Bird Design Brooch, Roman finish, chased design, with enamel wings.
Per gross .....1.25 | Per dozen ..... .12

J1009

J1011

No. J1009. Pansy Design Brooch, fancy embossed edges, with assorted colored stone centers in assorted color enameling. This is the handsomest brooch of this kind.
Per gross ..... 1.35 | Per dozen ..... .12
No. J1011. Brooch, Roman finish, enameled in assorted colors, assorted stone center; entirely new
Per gross ..... 1.50 | Per dozen ..... .15

J1014

J5804

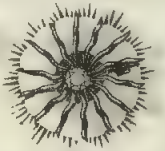
No. J1014. Medallion Brooch, oval shape, fancy embossed open work. Subjects are all pretty girls in tint colors.
per gross sets..... 1.75 Per dozen sets..... .15
No. J5804. Baseball Player Brooch, fancy bright gold finish, open work frame with photograph of baseball player, assorted all popular baseball players. A good brooch for fans.
Per gross ..... 2.00 Per dozen ..... .18

J1070

J1068

No. J1070. Brooch, fancy embossed design, Roman finish, set with whitestone brilliant.
Per gross ..... 4.00 Per dozen ..... .35
No. J1068. Brooch, fancy open work design, bright finish, set with whitestone brilliant.
Per gross ..... 4.00 | Per dozen ..... .35

J1067.



J1069

No. J1067. Brooch, Roman finish, bowknot design, set with whitestone brilliant.
Per gross ..... 4.00 | Per dozen ..... .35
No. J1069. Brooch, sunburst pattern, Roman finish, set with whitestone brilliant.
Per gross ..... 4.00 | Per dozen ..... .35

J1072

J1071

No. J1072. Brooch, sunray design, bright finish, set with assorted colored stone centers.
Per gross ..... 4.00 | Per dozen ..... .35
No. J1071. Brooch, clover design, bright finish, set with assorted colored stones; entirely new and exceptionally good value.
Per gross ..... 4.00 Per dozen ..... .35

J1073

J1025

No. J1073. Brooch, plain finish, heart design, set with assorted colored stone centers.
Per gross ..... 4.00 | Per dozen ..... .35
No. J1025. Lily Design Brooch, Roman finish, enameled in appropriate colors, set with fine whitestone brilliant; entirely new.
Per gross ..... 8.50 | Per dozen ..... .75

Carpenters' Bars.

Nos. 125, 150 and 200.

No. 250

Made of High Grade Octagon Tool Steel. Per Dozen

No. 125—With Claw and Pinch Point, ½ in. Octagon Steel, 11 in. Long, Approx. Weight Per Dozen 9 Lbs.. . . . $2 80
No. 150—With Claw and Pinch Point, ⅝ in. Octagon Steel, 30 in. Long, Approx. Weight Per Dozen 30 Lbs . . . 6.10
No. 200—With Claw and Pinch Point, ¾ in. Octagon Steel, 24 in. Long, Approx. Weight Per Dozen 42 Lbs.. . . . 3 60
No. 250—With Claw and Chisel Point, ⅝ in. Octagon Steel, 30 in. Long, Approx. Weight Per Dozen 50 Lbs.. . . . 6 10

Carpenters' Ripping Bars.

Made of Octagon Solid Steel. Per Dozen

No. 1470A—With Claw and Chisel Point, ¾ in. Octagon Steel, 24 in. Long, Approx. Weight Per Dozen 36 Lbs.. . . . $8.90

Crow Bars.

No. 20.

No. 25

Made from Solid High Carbon Hammered Steel. Each

No. 20—Handy, Pinch Point, ⅝ in. in the Square, 3 ft. Long, Approx. Weight Each 4½ Lbs $0.80
No. 25—Handy, Split Pinch Point or Claw, ⅝ in. in the Square, 3 ft. Long, Approx. Weight Each 4½ Lbs.. . . .90

Nos. 1 and 101.

Nos 2 and 102

Made from Hammer Forged Uniform High Quality Steel. Per 100 Pounds

No. 1—Wedge Point, Assorted Weights, 10 to 30 Lbs $5 90
No. 2—Pinch Point, Assorted Weights, 10 to 30 Lbs.. . . . . 5.90

Made from High Grade Open Hearth Steel. Per Pound

No. 101—Wedge Point, Assorted Weights, 10 to 25 Lbs. $0.17
No. 102—Pinch Point, Assorted Weights, 10 to 25 Lbs. 17

Nos 101 and 102 Crow Bars are intended for extra heavy work

Railroad Lining Bars.

Solid Cast Steel. Per 100 Pounds

No. 3—Diamond Point, Assorted Weights, 15 to 25 Lbs $6 50
Open Stock.

Railroad Claw Bars.

Solid Cast Steel. Per Pound

No. 5—Improved Shape, with Heel, Assorted Weights, 28 to 30 Lbs. $0.15

Pinch Bar and Car Mover.

CHAMPION

Solid Steel Bar and Head, Hardened Cast Steel Bit. Each

No. 100—Length 5 ft., Approx. Weight Each 15 Lbs., Complete with One Extra Cast Steel Bit $4 50
Extra Bits—Cast Steel. 60

Car Movers.

BADGER

For Moving Railway Cars by Hand.

Each

No. 10—All Castings Malleable Iron, Refined Crucible Steel Removable Spurs, Second Growth Hard Maple Handles, Complete with Extra Spur. . . $7.25
Approx. Weight Each 15 Pounds.

Per Set

Extra Bits or Spurs—Refined Crucible Steel . $0 60

HERCULES

For Moving Railway Cars by Hand, Compound Leverage. Each

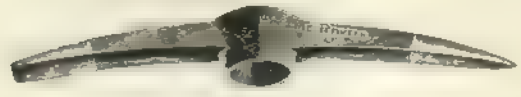
No. 20—All Castings Malleable Iron, Self-Hardening Steel Spur, Selected Hickory Handle. $7.80
Approx. Weight Each 18½ Pounds.

Extra Bits or Spurs—Self-Hardening Steel. 70

All Above, Open Stock.

Picks.

RAILROAD



Extra Quality Cast Steel, Adze Eye, Painted, Polished Chisel and Point.

	Per Dozen
No. E1—Approx. Weight Each 5 to 6 Lbs.	$10.00
No. E2—Approx. Weight Each 5½ to 6½ Lbs.	10.35
No. E3—Approx. Weight Each 6 to 7 Lbs.	10.70

Approximate Weight Per Case 170 Pounds.
Two Dozen in a Case.

Splendid.
Best Cast Steel, Adze Eye, Painted, Polished Chisel and Point.

	Per Dozen
No. 4—Approx Weight Each 5 to 6 Lbs.	$7.80
No. 5—Approx. Weight Each 5½ to 6½ Lbs.	8.10
No. 6—Approx. Weight Each 6 to 7 Lbs.	8 35

Approximate Weight Per Case 170 Pounds
Two Dozen in a Case

ORE

Splendid.
Best Cast Steel, Adze Eye, Diamond Pointed, Painted, Polished Points.

Approx. Weight Each, Lbs.	6	6½	7
Per Dozen	$8.10	8.35	8.60

Approximate Weight Per Case 170 Pounds.
Two Dozen in a Case.

DRIFTING

Splendid.
Best Cast Steel, Tool Steel Points, Adze Eye, Oil Finish.

Nos.	3	4
Approx. Weight Each, Lbs.	4½	5
Per Dozen	$8.35	9.00

Approximate Weight Per Case 140 Pounds.
Two Dozen in a Case

RAILROAD TAMPING

Splendid.
V Head, High Grade Solid Steel, Extra Strong, Adze Eye, Standard Size Tamp, Black Finish.

Approx. Weight Each, Lbs.	7	8	9
Ap. Wt. Per Dozen, Lbs.	98	110	124
Per Dozen	$10.30	10.85	11.70

Two Dozen in a Case.

WISCONSIN LEAD MINING

Splendid.
No. 10—Solid Cast Steel, Oil Finish.

Approx. Weight Each, Lbs.	2½ to 3½
Per Dozen	$13 35

Approximate Weight Per Case 50 Pounds.
Two Dozen in a Case.

COAL

Splendid.
No. 33—Solid Cast Steel, Oil Finish.

Approx Weight Each, Lbs	2	2½
Per Dozen	$7 65	8.10

Approximate Weight Per Case 42 Pounds
Two Dozen in a Case.

POLL

Splendid.
Best Cast Steel, Tool Steel Points, Adze Eye, Oil Finish.

	Per Dozen
No. 4—Approx. Weight Each 5¼ Lbs.	$10 80

Approximate Weight Per Case 135 Pounds
Two Dozen in a Case

Pick Eyes.

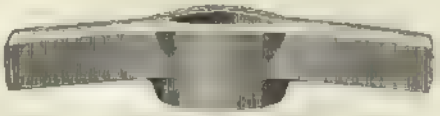
RAILROAD

Adze Eye, Ready for Steel, Forge Finish.

Approx. Weight Each, Lbs.	5	6	7
Per Dozen	$7.60	8.40	9.20

Approximate Weight Per Case 165 Pounds.
Two Dozen in a Case.

DRIFTING



Adze Eye, Ready for Steel, Forge Finish.

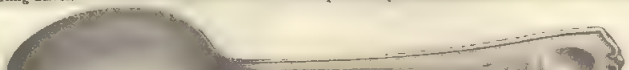
Nos.	1	2	3	4	5
Ap. Weight Each, Lbs.	3	4	4½	5	6
Per Dozen	$6.00	6.80	7.20	7 60	8 40

Approximate Weight Per Case 130 Pounds.
Two Dozen in a Case

COMMUNITY PLATE

Turn over a new leaf. If you are not already carrying Community Silver, do so. Community Silver has the heaviest plate, is the best advertised and your profit is fully protected.

Shown below is the Louis XVI design. In exquisite grace and delicacy of line it harmonizes perfectly with the period it represents,—the later French Renaissance, while in rich simplicity it rivals the best examples of Sterling Silver.

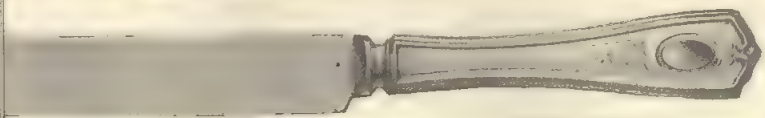


SPOONS
Six in Lined Box.

12561 After Dinner Coffee, per doz. $ 9 37
Six in Unlined Box
12562 Gilt After Dinner Coffee, per doz. 14 06
12563 Five o'clock Tea per doz. $ 9 37
12564 Tea, per doz. 9 37
12565 Dessert, doz. 11 25
12566 Table, per doz. 15 10

FLAT HANDLE FORKS
Six in Unlined Box

12567 Dessert, per doz., ...$17 37
12568 Medium, per doz., ... 19.10



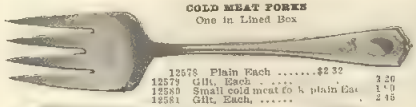
HOLLOW HANDLE KNIVES
Six in Flannel Roll

12569 Medium, per doz. . . .$30
12570 Dessert, per doz., ... 26
12571 Medium, Scimitar and Swaged, per doz. 31
12572 Dessert, Scimitar and Swaged, per dozen 26
Six in Lined Box.
12573 Orange, per set, . . $14 70
12574 Fruit, per set, . . 13 13
12575 Butter Spreaders per set .. 7 72

HOLLOW HANDLE FORKS
Six in Flannel Roll

12576 Medium, per doz.. $30 75
12577 Dessert, per doz. . 29 70

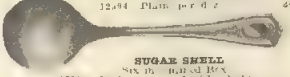
COLD MEAT FORKS
One in Lined Box



12578 Plain Each $2 32
12579 Gilt, Each 2 20
12580 Small cold meat fork, plain Each 1 80
12581 Gilt, Each, ... 2 46

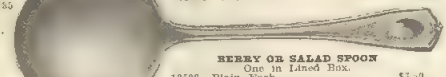
BUTTER KNIFE
Six in Unlined Box

12583 Plain, per doz. $21 20
One in Lined Box
12584 Plain, per doz. 24 35



SUGAR SHELL
Six in Lined Box

12596 Plain, per doz. $28 05
One in Lined Box
12597 Plain, per doz. $28 05



Reproduction one half size

LADLE
One in Lined Box

12582 Cream Plain, Each, $ 2 40
12583 Gilt Each 3 25
12584 Gravy Plain Each 3 20
12585 Gilt, Each, 4 45
12586 Oyster, Plain, Each 6 65
12587 Gilt, Each, ... 8 25
12588 Soup, Individual, Plain Each, 5 25
12589 Medium, Soup, Plain, Each 9 20
12590 Gilt, Each . . 10 13
12591 Hollow Handle Punch, Plain, Each 4 50
12592 Gilt Each 5 75

BERRY OR SALAD SPOON
One in Lined Box.

12599 Plain, Each . . $7 50
12600 Gilt, Each, ... 9 00

PRESERVE SPOON
One in Lined Box.

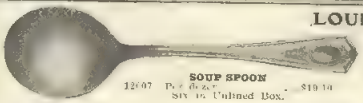
12601 Plain, Each $6 75
12602 Gilt, Each, . . 8 25

LOUIS XVI DESIGN

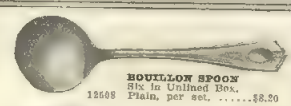
Booklet of Consumers Prices on all pieces and sets supplied upon request.

COMMUNITY PLATE

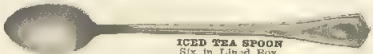
LOUIS XVI



SOUP SPOON
12607 Per dozen $19 10
Six in Unlined Box.

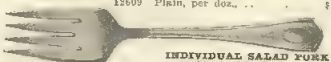


BOUILLON SPOON
Six in Unlined Box.
12608 Plain, per set. $8.20

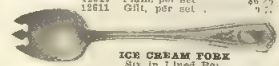


ICED TEA SPOON
Six in Lined Box
12609 Plain, per doz., .. . $12 50

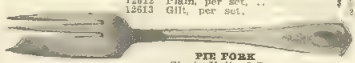
ORANGE SPOON
Six in Unlined Box.
12610 Plain, per set . $6 25
12611 Gilt, per set . 7 2



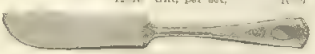
INDIVIDUAL SALAD FORK
Six in Lined Box.
12612 Plain, per set, .. $ 3 33
12613 Gilt, per set, 3 7



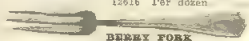
ICE CREAM FORK
Six in Lined Box
12614 Plain, per set $ 7 15
12615 Gilt, per set, 10 0



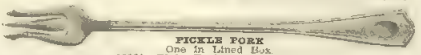
PIE FORK
Six in Unlined Box.
12616 Per dozen ... $ 7 87



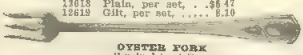
Flat Handle Butter Spreaders
Six in Lined Box
12617 Per set, $7 63



BERRY FORK
Six in Lined Box.
12618 Plain, per set, . .$6 47
12619 Gilt, per set, ... 8.10



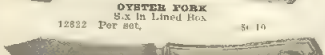
PICKLE FORK
One in Lined Box.
12620 Plain, Each, $1 90
12621 Gilt, Each . 2 37



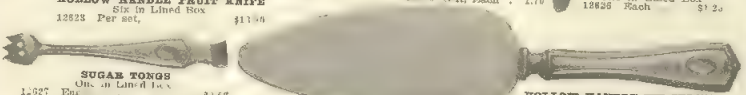
OYSTER FORK
Six in Lined Box
12622 Per set, $5 10

BABY SPOON
One in Lined Box.
12623 Plain, Each $1.25
12624 Gilt, Each . 1.70

FOOD PUSHER
One in Lined Box
12626 Each $1 25



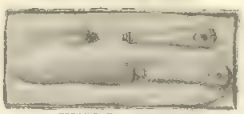
HOLLOW HANDLE FRUIT KNIFE
Six in Lined Box
12625 Per set, $11 56



SUGAR TONGS
One in Lined Box
12627 Each $2 67
Reproduction of one-half size

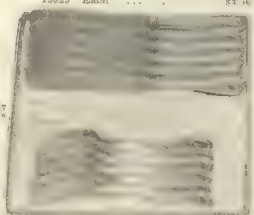
HOLLOW HANDLE PIE SERVER
One in Lined Box.
12628 Each $5.36

Hollow Handle Cheese Server
One in Lined Box
12629 Each $3 0



SMALL CARVING SET
One Set in Lined Box
12630 Per set, ...$9 57

THREE PIECE CHILD SET
One Set in Lined Box.
12631 Hollow Handle Knife per set $3 57
12632 Flat Nickel Knife, per set, .. 2 68



12 PIECE H. H. KNIFE AND FLAT FORK SET
12634 6 Flat, Med. Forks and 6 H. H. Med Knives, per set. $2 6
12635 6 Flat, Dessert Forks and 6 H. H. Dessert Knives, per set. $4 25
12636 6 Flat, Medium Forks and 6 H. H Scimitar Swaged Medium Knives, per set $5 8
12637 6 Flat Dessert Forks and 6 H. H. Scimitar Swaged, Dessert Knives, per set 24.50

LARGE CARVING SET
One Set in Lined Box
12633 Per set Reproduction of one-half size $9 57

LOUIS XVI DESIGN

Booklet of Consumers Prices on all pieces and sets supplied upon request.

Fine Crystal Regulators

G.W. HUNTLEY CHICAGO

1863 1915

PRICES EACH

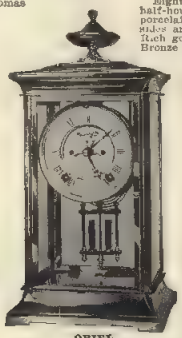
EMPIRE No. 15
Eight-day, half-hour rack strike cathedral bell, 4 inch porcelain dial beveled plate glass front, sides and back. Height 17½ inches, width 9 inches.
Rich gold finish $43.35
Bronze Finish 41.70
Seth Thomas

EMPIRE No. 200
Eight-day, hour and half-hour rack strike, cathedral bell. Fine round movement. 4-inch porcelain dial. Beveled plate glass front, sides and back. Height 9½ inches.
Rich gold finish $40.00
Seth Thomas

EMPIRE No. 18
Eight-day, round fine movement. Hour and half-hour rack strike. Cathedral bell. 4-inch porcelain dial. Beveled plate glass front, sides and back. Height 12 inches.
Rich gold finish $43.35
Bronze finish 41.70
Seth Thomas

BORVAL
Eight day, hour and half-hour gong strike. Plain solid 3 inch porcelain dial, Arabic or Roman. Beveled plate glass front, sides and back. Height 8¾ inches. Width 5⅝ inches.
Polished brass $32.50
Gold plated 34.85
Ansonia

CROWN—$54.15
Rich gold finish beveled plate glass front, sides and back eight-day half-hour gong strike, 4 inch visible escapement, porcelain dial, Arabic or Roman. Height 15⅝ inches width 8 inches.
Ansonia.



ORIEL
Eight day, hour and half hour gong strike. Plain solid 4 inch dial or with visible escapement as illustrated. Beveled plate glass front, sides and back. Height 13¾ inches, width 6⅜ inches.
Polished brass $62.10
Gold plated 68.70
Ansonia.

PEER—$50.00
Rich gold finish, eight-day, hour and half hour gong strike, plain solid 4 inch porcelain dial or with visible escapement as illustrated. Beveled plate glass front sides and back. Height 12 inches, width 8 inches
Ansonia

LOIRAL—$55.00
Mahogany or Circassian walnut finish, eight-day, half-hour strike gong 5-inch porcelain dial, convex beveled glass. Height 10½ inches, width 16 inches.
Waterbury

GRANVILLE—$44.00
Polished brass, eight day, half-hour strike gong 4½-inch ivory dial, height 10⅝ inches width 6⅝ inches. Beveled glass front, sides, and back.
Gold plated, same as above. $49.50
Waterbury

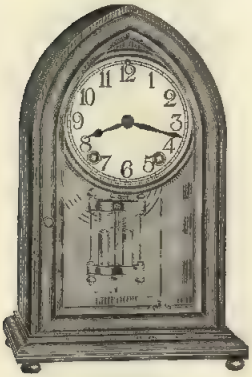
AUCK—$50.00
Rich gold plated.
Eight-day half-hour strike gong, 4½ inch ivory dial, ivory center, visible escapement, cast gilt bezel, beveled glass front, sides and back. Height 10⅝ inches, width 6⅝ inches.
Waterbury

Fine Crystal Regulators

G.W. HUNTLEY & CO. CHICAGO

1863 1916

Made by the New Haven Clock Co.
PRICES EACH



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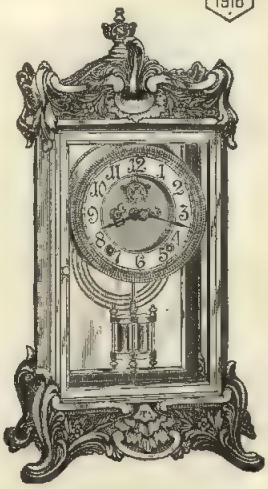
Solid mahogany case with beveled plate glass front and back. High grade rack and snail movement, heavy brass and highly polished. Eight-day half-hour strike, cathedral gong, 4-inch dial. Height 11¼ inches, width 7 inches.

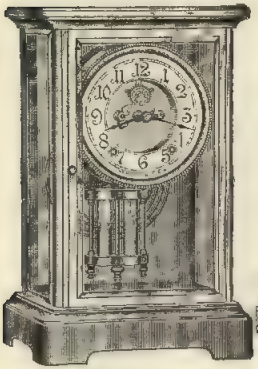
THURSTON—$52.05

Solid mahogany case with beveled plate glass front and back. High grade rack and snail movement, heavy brass and highly polished. Eight-day half-hour strike, cathedral gong, 4 inch dial. Height 11¼ inches, width 7 inches.



THORNAU—$65.85

Ormolu gold plate or French bronze finished, heavy metal case with beveled French plate glass front, sides and back. Eight-day half-hour strike, cathedral gong, 4-inch porcelain dial, visible escapement. Height 15¼ inches, width 8¾ inches.

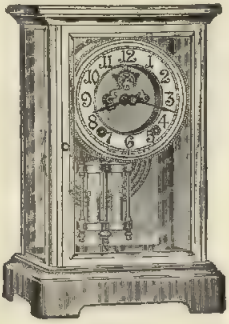


THERON—$55.85

Polished gold plated heavy metal case with beveled French plate glass front, sides and back. Eight-day half-hour strike, cathedral gong, 4-inch porcelain dial. Visible escapement. Height 11 inches, width 7⅛ inches.

THETA—$55 85

Solid mahogany case with beveled plate glass front and back, high grade rack and snail movement. Heavy brass, highly polished. Eight-day half-hour strike, cathedral gong. 7-inch silver dial, French cast sash, beveled bowed glass. Height 13 inches, width 9 inches.



THESPIA—$50.85

Polished gold plated heavy metal case with beveled French plate glass front, sides and back. Eight-day half-hour strike, cathedral gong, 4-inch porcelain dial. Visible escapement. Height 10 inches, width 6¼ inches.

KOHLMANN PIANOS

G.W. HUNTLEY & CO. CHICAGO

1863 1916

It is difficult for the average person to accurately judge a piano, as there are hundreds of makes and names—some of them good, yet many making insupportable claims.

The only real safeguard in buying a piano is the well known reliability of the maker and his ability and facility today to produce a strictly high-grade instrument.

Kohlmann durability is second only to Kohlmann tone quality and both are strictly high grade. They are made in one of the largest factories in the world and separate departments have been installed at a big outlay of capital. These departments are equipped with the most modern machinery. Our great output and ability to use raw material in enormous quantities enable us to make a strictly high-grade instrument that can be sold for much less money than the now prevailing prices.

Kohlmann Pianos are backed by a guarantee that is unquestionable. With every piano we give you a binding certificate of warranty, extending over a term of ten years. We have but one price—the lowest that a high grade instrument can be sold for.

DELIVERY

We guarantee careful handling and prompt delivery.

FREE PIANO BENCH

Bench is delivered free with each "Kohlmann" Piano. Made of selected material, veneered seats, hand rubbed polished. Finished to match piano.

KOHLMANN IMPERIAL GRAND

Grand Scale Upright,
7 1/3 Octaves
Hand Carved Pilasters
and Art Panel.

DESCRIPTION.

Exquisite empire design empire top, and very handsome hand carved pilasters. Case double veneered throughout with genuine mahogany or selected quarter sawed oak and fancy walnut, and lined inside with birdseye maple.

Veneers used are of the best quality in mahogany walnut and oak. This instrument has a beautiful scale well balanced with splendid tone results, full boll metal bronzed plate; bushed German tuning pins and German imported strings. 14-pound California natural sun bleached finest quality felt hammers; Billings, brass flange action, copper wound bass strings, ivory keys, patent noiseless trap work.

Rack consists of six substantial posts, scientifically constructed and well finished. The exterior is pleasing in design and splendidly finished. Instrument warranted for ten years.

Height 4 feet 9 inches, width, 5 feet 3 inches; depth 2 feet 3 inches.

No. 17084	Mahogany	$523.00
No. 17085	Walnut	523.00
No. 17086	Golden Oak	523.00
No. 17087	Dark English Oak	523.00

KOHLMANN IMPERIAL GRAND

Grand Scale Upright,
7 1/3 Octaves
Hand Carved Pilasters
and Art Panel.

DESCRIPTION.

This Piano is double veneered throughout in remarkably beautiful walnut and mahogany veneers; hand-carved pilasters and trusses of handsome design, together with beautifully designed art panel, gives the piano a very distinctive and individual appearance. Extra heavy quarter sawed rock maple veneered back, giving great strength and rigidity, which will withstand all tension imposed on a first-class instrument. The scale, tone, touch and action are all that could be desired in a high-class instrument.

SPECIFICATIONS OF INTERIOR CONSTRUCTION.

This Piano is furnished with Billings brass flange; triple repeating action 14-pound imported hammers; copper strings; empire top, top being hinged in Grand Piano style; fine ivory keys. Laminated pin block reinforced sounding board of selected spruce with 13 heavy ribs, glued and screwed to the bridge and mortised into the lining; compounded key bed which will insure absolute stability and uniformity of touch and is not subject to atmospheric changes. Is equipped with patented steel trap work, absolutely noiseless and mouse-proof.

Height, 4 feet 10 inches; width, 5 feet 4½ inches; depth, 2 feet 3 inches.

No. 17088	Mahogany	$666.70
No. 17089	Walnut	666.70
No. 17090	Golden Oak	666.70
No. 17091	Dark English Oak	666.70

G.W. HUNTLEY & CO. CHICAGO

KOHLMANN PIANOS

1863 1916

It is difficult for the average person to accurately judge a piano, as there are hundreds of makes and names—some of them good, yet many making insupportable claims.

The only real safeguard in buying a piano is the well-known reliability of the maker and his ability and facility today to produce a strictly high-grade instrument

Kohlmann durability is second only to Kohlmann tone quality and both are strictly high grade They are made in one of the largest factories in the world and separate departments have been installed at a big outlay of capital. These departments are equipped with the most modern machinery. Our great output and ability to use raw material in enormous quantities enables us to make a strictly high-grade instrument, that can be sold for much less money than the now prevailing prices.

Kohlmann Pianos are backed by a guarantee that is unquestionable. With every piano we give you a binding certificate of warranty, extending over a term of ten years We have but one price—the lowest that a high grade instrument can be sold for

DELIVERY

We guarantee careful handling and prompt delivery of all our instruments

PIANO BENCH

Bench is delivered free with each "Kohlmann" Piano. Made of selected material with veneered seats, hand rubbed, polished, finished to match piano. Music compartments under seat.

KOHLMANN COLONIAL GRAND

A plain but artistic piano case double veneered in genuine mahogany or selected quarter sawed oak and lined throughout with birdseye maple. Colonial in design, full empire top and drop mouldings, making the case very symmetrical and refined

Full overstrung scale 7 1/3 octaves, hardwood back six posts, imported German tuning pins and wire, 13-lb. hammers, laminated pin block, compound key bottom, triple repeating action, splendidly regulated Ivorine keys and three brass plated pedals with corrugated tips

This instrument is guaranteed for ten years from date of its manufacture, and is furnished in beautifully figured mahogany and fancy quarter sawed oak veneers

Height 4 feet 5 inches, width 5 feet 3 inches; depth, 2 feet 3 inches

No. 17077	Mahogany	$408.00
No. 17078	Golden Oak	408.00
No. 17079	Dark English Oak	408.00

KOHLMANN PARLOR GRAND

This instrument is beautifully designed, pleasing in its appearance, having hand-carved trusses, pilasters, and top frame, which gives this piano a very symmetrical and attractive appearance. Is massive in its construction, double veneered inside and out, furnished in beautiful walnut, mahogany and selected quarter sawed oak veneers, and lined throughout with birdseye maple. A very substantial back made of six hardwood posts, laminated pin block consisting of several layers of quarter inch, quarter sawed Adirondack rock maple, crossing one another at right angles. Sounding board of the best quality of spruce and ribs of the same material, which are notched into the lining The toe blocks and arms are all laminated construction. Keyboard is so constructed as to withstand all atmospheric changes.

This instrument is equipped with full bronzed plate, reaching from top to bottom, bushed tuning pins; copper bass; music wire of German importation and imported German tuning pins. Is equipped with splendid triple repeating action, best quality of 12-pound hammers, and ivory keys.

Height, 4 feet 9 inches; width, 5 feet 3 inches depth, 2 feet 3 inches

No. 17080	Mahogany	$468.75
No. 17081	Circassian Walnut	468.75
No. 17082	Golden Oak	468.75
No. 17083	Dark English Oak	468.75

The possession of a piano denotes a sense of refinement and a desire for the betterment of the family.

G.W. HUNTLEY & CO. CHICAGO

Fine Soft and Derby Hats

1863 — 1915

Regular Stocks, Sizes 6⅝ to 7¼. Special Sizes Made to Order, Requires Two Weeks Time to Make

Chicago Derby

Nobby Dorsey Curl

No. Z2202 Extra quality, each $7.10
No. Z5902 Good quality, each . 5.35

Evans

Nobby Young Men's Derby

No. Z3073 Extra quality, each $7.10
No. Z5812 Good quality, each 5.35

Flatmore

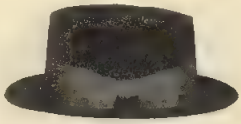
Flat Set Derby

No. Z2012 Extra quality, each $7.10
No. Z5162 Superior quality, each..... 5.35
No. Z7642 Good quality, each 4.65
No. Z7672 Fur felt, each 3.55

Jaxwell

High Crown

No. Z97812 Extra quality, steel, each $7.10
No. Z97802 Extra quality, serge, each 7.10
No. Z27822 Extra quality, russet, each 7.10



Waldon

Pencil Curl Drop Tip

No. Z28022 Extra quality, blue, each. .$3.55
No. Z36332 Extra quality, brown each. 3.55
No. Z28292 Extra quality, steel, each... 3.55

Mackinsen

Silk Lined

No. Z25542 Extra quality black, each. .$7.10
No. Z25532 Extra quality, brown, each. 7.10

Roma

Imported Weatherproof Felt

No. Z37722 Extra quality black and grey mixture, each $7.10
No. Z37732 Extra quality brown and grey mixture each 7.10
No. Z37672 Extra quality black and grey mixture, each 7.10
No. Z37772 Good quality black and grey mixture, each .. 4.85
No. Z37782 Good quality grey mixture each 4.85

Lucerne

Imported Velour

No. Z35632 Extra quality black, each. $12.40
No. Z35642 Extra quality brown each . 12.40
No. Z37122 Extra quality black welt edge, each 12.40
No. Z37132 Extra quality brown welt edge each 12.40
No. Z37002 Good quality black, each 7.10
No. Z37012 Good quality brown, each... 7.10

Videt

Staple Trooper, Welt Edge

No. Z25762 Extra quality black, each. $3.55
No. Z25772 Extra quality blue, each. 3.55
No. Z25782 Extra quality brown, each 3.55
No. Z25792 Extra quality steel, each. 3.55

Tanus

Raw Edge Fedora

No. Z17612 Extra quality black, each...$7.10
No. Z17622 Superior quality black, each 4.85
No. Z17622 Good quality black, each.... 3.55

Columbia

No. Z13202 Extra quality black, each $7.10
No. Z13152 Superior quality black, each 5.35
No. Z13152 Fine quality black, each . 4.85
No. Z13132 Good quality black, each.... 4.65
No. Z13102 Medium quality black, each. 3.55
No. Z13072 Fair quality black, each . 2.65
No. Z32862 Commonwealth quality black, each 1.85
Also furnished in Nutria at prices quoted.

Northwestern

Crusher

No. Z34752 Extra quality black, each...$7.10
No. Z34742 Superior quality black, each 5.35
No. Z34092 Fine quality black, each.... 3.55
No. Z34182 Good quality black, each. .. 2.65

Pantoris Model

Black	Brown		Each
No. Z19372	No. Z19362	Extra quality	$7.10
No. Z19272	No. Z19282	Superior quality	4.85
No. Z18022		Fine quality	4.45
No. Z19352	No. Z19432	Good quality....	3.55
No. Z19382	No. Z1942	Medium quality.	2.65

Graeco Crusher

No. Z11092 Extra quality black, each.. $7.10
No. Z11072 Superior quality black, each 4.85
No. Z11052 Fine quality black, each.... 4.45
No. Z11032 Good quality black, each. 3.55
No. Z11002 Fair quality black, each. 2.65
Also furnished in Nutria at prices quoted.

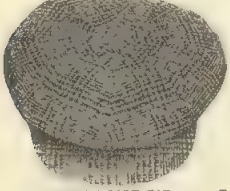
Turban Crusher

No. [redacted] Extra quality black, each $5.35
No. Z33742 Extra quality pearl, each 5.35
No. Z34772 Superior quality black, each. 3.55
No. Z34862 Superior quality pearl, each. 3.55
No. Z33382 Fine quality black each.... 2.85
No. Z33362 Fine quality pearl, each.... 2.85

Fine Soft Hats and Caps

BOYS' HIGH CROWN DROP TIP

No.	Z41052	Extra quality blue. Each	$5.35
No.	Z41062	Extra quality steel. Each	5.35
No.	Z41072	Extra quality brown. Each	5.35
No.	Z4085	Fine quality blue. Each	2.65
No.	Z4086	Fine quality brown. Each	2.65
No.	Z4087	Fine quality steel. Each	2.65
No.	Z4079	Fair quality blue. Each	1.35
No.	Z4100	Fair quality steel. Each	1.35
No.	Z4101	Fair quality brown. Each	1.35
No.	Z4102	Fair quality steel. Each.	1.35

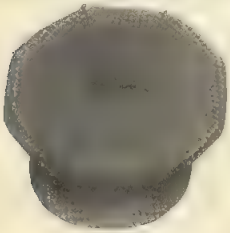


MARMON GOLF CAP Each

No.	Z50272	Fine quality black and white check	$2.25
No.	Z50282	Fine quality fancy check	2.25
No.	Z49432	Fine quality blue serge	2.25

CAMPUS Each

No.	Z50612	Extra quality fancy mixture	$2.65
No.	Z50572	Fine quality blue tartan plaid	2.25



NORWALK
Fur Lined Inside Band Each

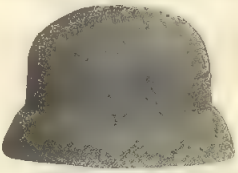
No.	Z86192	Fine quality blue plaid	$2.65
No.	Z86202	Fine quality brown plaid.	2.65

PLUSH HAVELOCK
Fur Lined Inside Band

No.	Z85522	Rainproof plush. Each	$3.55
No.	Z86572	Plush. Each	2.65

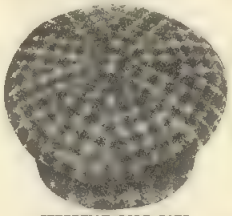
LEATHER HAVELOCK Each

No.	Z86092	Black Leather Havelock	$2.65
No.	Z85912	Black Leather Judge	2.25
No.	Z86202	Black Leather Brighton	1.35
No.	Z86522	Leather and corduroy comb	1.35



CHILD'S CLOTH BAH BAH Each

No.	Z44862	Fine quality fancy gray	$1.35
No.	Z44942	Fine quality Urquhardt plaid	1.35
No.	Z44952	Fine quality dark pin check	1.35
No.	Z44902	Fine quality blue serge	1.35
No.	Z44972	Good quality shepherd flannel	.65

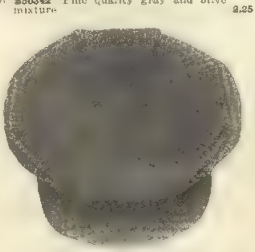


SPEEDWAY GOLF CAPS Each

No.	Z49102	Extra quality black and white check	$2.65
No.	Z49092	Extra quality fancy check.	2.65
No.	Z48992	Fine quality blue serge	2.25

SOPHOMORE Each

No.	Z50512	Fine quality fancy mixture	$2.25
No.	Z50342	Fine quality gray and olive mixture	2.25

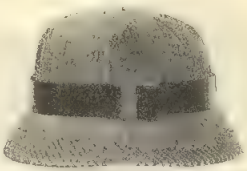


STOCKTON
Fur Lined Inside Band Each

No.	Z86242	Extra quality oxford vicuna	$3.65
No.	Z86182	Fine quality oxford cheviot	2.65
No.	Z86173	Fine quality dark tartan plaid	2.65

LANGHAM
Fur Lined Inside Band Each

No.	Z85172	Fine quality blue serge	$2.65
No.	Z85882	Good quality blue serge	2.25
No.	Z85842	Good quality black kersey	2.25



CHILD'S INGRAM Each

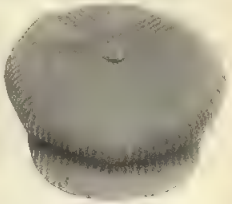
No.	Z39542	Fine quality steel gray	$1.35
No.	Z39572	Fine quality brown corduroy	1.35
No.	Z45002	Good quality blue velvet	.65
No.	Z45012	Good quality tartan	.65

BUICK GOLF CAPS Each

No.	Z49892	Good quality fancy gray tweed	$1.35
No.	[redacted]	Good quality dark gray mixture	1.35
No.	Z50052	Good quality dark blue mixture	1.35
No.	Z4995	Good quality blue serge	1.25
		Above styles in boys' caps, each	1.25

CLASSMATE Each

No.	Z50492	Fine quality gray plaid	$2.25
No.	Z50572	Fine quality fancy blue suiting	2.25



CHATHAM
Fur Lined Inside Band Each

No.	Z85812	Good quality fine gray stripe	$2.25
No.	Z85922	Good quality fine blue stripe	2.25
No.	Z85792	Good quality fine brown stripe	2.25
No.	Z86272	Good quality blue serge	2.25

PIERCE
Fur Lined Inside Band Each

No.	Z85202	Fine quality fine hersey	$2.65
No.	Z85182	Fine quality blue serge	2.65
No.	Z85852	Good quality black kersey	2.25

"UNIVERSAL" THERMO-CELL Sad Irons. MARVEL GASOLINE

Nickel Plated. **Per Dozen Sets**

No. 123—Set Consists of One Each 4½, 5 and 6 Lb. Double Pointed Thermo-Cell Irons, One Patented "Universal" Gravity Lock Handle and One Stand **$36 70**

The Thermo-Cell is a sealed air chamber permanently surrounding the top surface of each iron. A dead air space being a non conductor of heat the Thermo-Cell insulates the entire upper surface of the iron and prevents the radiation of its heat. Weight Per Set About 17 Pounds. One Set in a Box.

Nickel Plated. **Each**

No. 5—3¼x7 in. Face, Cast Iron Double Pointed Core, Brass Generator, Valve, and Burner, Brass Safety Valve on Tank Nut, Black Enameled Wood Handle **$5.80**

The Marvel Gasoline Sad Iron generates its own heat which is applied directly and constantly. It maintains an even live heat at the will of the operator.

Weight Each About 7 Pounds
One in a Carton

PELOUZE UNIVERSAL ELECTRIC

Control of Temperature Current On.

When Not in Use.

Showing Simplicity in Construction.

Full Nickel Plated, Asbestos Filled Iron Body, Enameled Wood Handle. **Each**

No. 1—Weight About 4 Lbs., 250 Watts, 105 to 115 Voltage, for Either Direct or Alternating Current . . **$7 60**
No. 2—Weight About 6½ Lbs., 400 Watts, 105 to 115 Voltage, for Either Direct or Alternating Current . . **7 60**

One in a Carton.

Each

Heating Elements—For No. 2 Pelouze Universal Electric Sad Irons **$3 35**
Extra Cords—For Nos. 1 and 2 Pelouze Universal Electric Sad Irons. **2 50**

DOVER ELECTRIC

No. 6.

Full Nickel Plated Top, Steel Blue Finish Base, Solid Iron Core, Black Enameled Wood Handle. **Each**

No. 6—Weight About 6 Lbs., 110 or 120 Voltage, for Either Direct or Alternating Current, Detachable Plug, 6 ft. Feed Cord with Improved Attachment Plug, Heavy Sheet Steel Stand **$5.00**

One in a Carton.

UNIVERSAL ELECTRIC

No. E901N.

Full Nickel Plated Top, Electric Thermo-Cell Iron Core, with Stand, Black Enameled Wood Handle. **Each**

No. E901N—Weight About 6 Lbs., 110 Voltage, for Either Direct or Alternating Current, Detachable Triple Contact Terminal Plug, 8 ft. Mercerized Silk Finish Flexible Cord, Shipping Weight About 8½ Lbs. **$7.80**

One in a Wood Box

These Irons can be attached to any Electric Lamp Socket. When ordering, specify for what Voltage Irons are to be Used.

ENTERPRISE

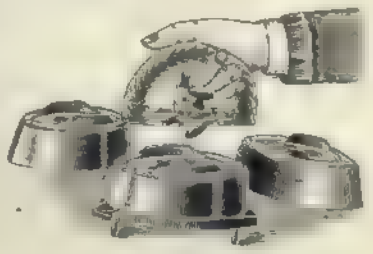
No. 50

Mrs. Pott's, Nickel Plated. **Per Set**

No. 50—Tinned Caps, Double Pointed "Best" Handle with Tinned Forged Iron Stretcher, Japanned Iron Stand. **$1.80**

Weight Per Set About 16 Pounds.

MRS. POTTS' STANDARD



Nos. 50W and 50A.

Mrs. Pott's Pattern, Nickel Plated.

Per Set

No. 50W—Tinned Caps, Double Pointed, Wood Handle with Tinned Iron Stretcher, Japanned Iron Stand. **$1.60**

No. 50A—Aluminum Plated Caps, Otherwise Same as No. 50W. **1.35**

Weight Per Set About 15½ Pounds.
Six Sets in a Box.

COMMON

No. 30.

No. 20—Silver Polished Face.

Ap. Weight, Lbs.	5	6	7	8	9
Per Pound	$0.06	.06	.06	.06	.06

Separate Sizes, 100 Lbs. in a Case; Assorted Sizes, 100 Lbs. in a Case, 5 to 8, 5 to 9, 6 to 8 and 6 to 9 Lbs.

POLISHING

No. 25.

Perforated Face. **Per Dozen**

No. 25—Troy Polishing, Polished. **$7.80**

Weight Each About 4 Pounds.
One Dozen in a Box.

Sad Irons.

Nos. 3 and 4

CHARCOAL FAMILY

Polished Body, Wood Handle, with Shield.

Nos.	3	4
Weight Each About, Lbs.	6½	7
Per Dozen	$20 00	20 00

Nos. 16 and 18

TAILORS'

Polished Body, Wood Handle, with Shield.

Nos.	16	18
Weight Each, Lbs.	14	18
Per Dozen	$50 00	50 00

One-half Dozen in a Case

No. 15

TAILORS' GEESE

COMMON

Per Pound

No. 15—Polished Face, Weights About 12, 14, 16, 18, 20, 22, 24, 26, 28 and 30 Lbs. $0 10

SENSIBLE

Per Pound

No. 16—Extra Polished Face, without Handle, Weights About 16, 20, 24 and 28 Lbs. $0.11

Per Dozen

No. 26—Detachable Handle, for No. 16 Sensible Tailors' Geese $8 00

No. 15

TOY

GIRLS'

Solid Handle. Per Dozen

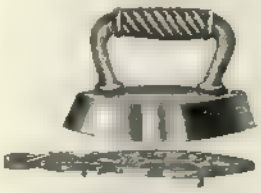
No. 5—Polished Face, Weight Each About 2 Lbs. $3 90

No. 6—Polished Face, Weight Each About 3 Lbs. 4 50

No. 8—Nickel Plated Face, Wt. Each About 3 Lbs. 6.15

One Dozen in a Box

IDEAL



Nickel Plated. Per Dozen

No. 188—Gold and Silver Bronzed Top and Handle, Coppered Stand, Weight Each About 10½ Oz. $1.90

One Dozen in a Box

WILLIAMS'

Rounded, Detachable Black Walnut Handle, with Stand Nickel Plated and Bronze Top.

Per Dozen

No. 92—Double Pointed, One End Wt. Each About 1¼ Lbs. ... $3.90

One-twelfth Dozen in a Box.

STREETER'S

Nickel Plated.

No. 16

Per Dozen

No. 16 Double Pointed, Detachable Handle, with Stand, Weight Each About 1 Lb. $3.00

One Dozen in a Box

BABY

Nickel Plated.

No. 600

Per Dozen

No. 600 -3½ in. Long, Double Pointed Core with Pressed Steel Hood, Black Enameled Hardwood Handle, Weight Each About 12 Oz. $1 80

The Hood is fastened to the Core by a claw which turns on a swivel and catches a pin projecting from the top of the core.

One Dozen in a Box

Cut Showing Position of Iron When Not in Use. Per Dozen

No. 200—"The Best" Combination, Walnut Handle, Tinned Forged Iron Stretcher, Wire Side Rest $3.40

Weight Per Dozen About 8 Pounds

The Wire Side Rest serves the purpose of a Stand. It also prevents the iron when not in use from being scratched or defaced.

One-half Dozen in a Package.

Sad Iron Handles.

Per Dozen

No. 100—Walnut Finish Handle, Tinned Iron Stretcher $1.70

No. 150—Walnut Finish Handle, Japanned Cast Iron Stretcher 1.25

Weight Per Dozen About 4 Pounds.

One Dozen in a Box

Per Dozen

No. 21—"Ober," Walnut Handle, Nickeled Iron Stretcher $1 90

From its peculiar shape it will not cramp the hand. Has no wooden knob on the catch to break off. Screws fastening handle will not get hot and become loose

Weight Per Dozen About 7 Pounds

One Dozen in a Box

Sad Iron Stands.

Cast Iron.

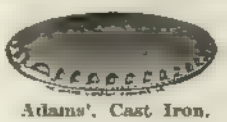
Per Dozen

No. 160—Improved, Japanned, for Mrs. Potts' Sad Irons $1.45

Weight Per Dozen About 7 Pounds

One Dozen in a Box

Sad Iron Heaters.



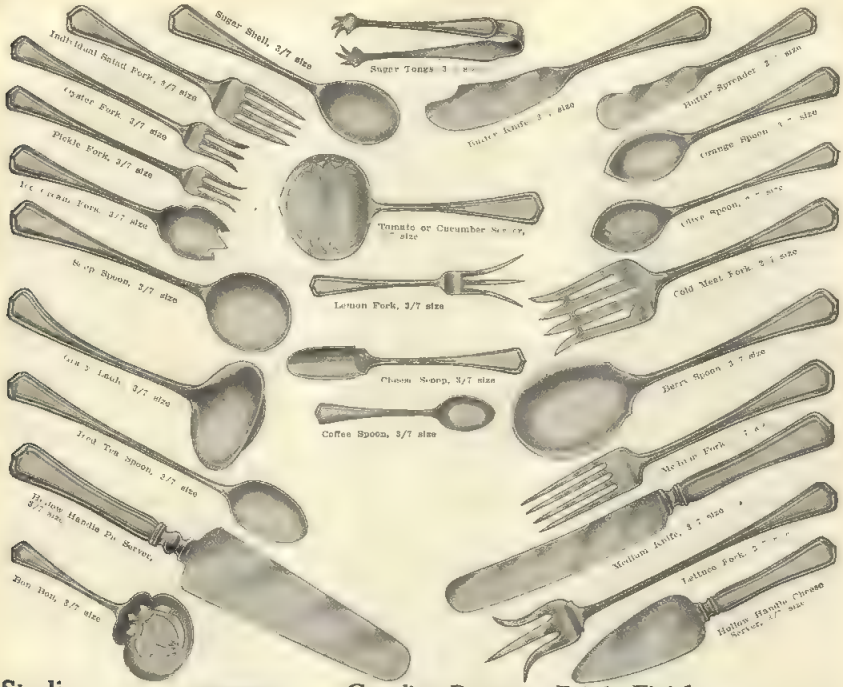
Adams', Cast Iron.

Per Dozen

No. 5—10¼ in. Diameter, for Gas, Gasoline and Oil Stoves $4 50

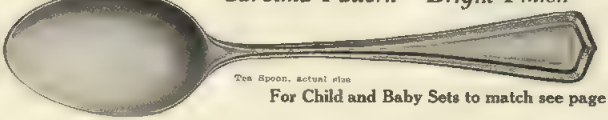
Weight Per Dozen About 35 Pounds

One-half Dozen in a Case


Sugar Shell, 3/7 size
Individual Salad Fork, 3/7 size
Sugar Tongs, 3 size
Butter Knife, 3 size
Butter Spreader, 3 size
Oyster Fork, 3/7 size
Orange Spoon, 3 size
Pickle Fork, 3/7 size
Tomato or Cucumber Server, 3 size
Olive Spoon, 3 size
Ice Cream Fork, 3/7 size
Soup Spoon, 3/7 size
Lemon Fork, 3/7 size
Cold Meat Fork, 3/7 size
Gravy Ladle, 3/7 size
Cheese Scoop, 3/7 size
Berry Spoon, 3/7 size
Iced Tea Spoon, 3/7 size
Coffee Spoon, 3/7 size
Medium Fork, 3/7 size
Bright Handle Pie Server, 3/7 size
Medium Knife, 3/7 size
Bon Bon, 3/7 size
Lettuce Fork, 3/7 size
Hollow Handle Cheese Server, 3/7 size

Sterling Silver Flatware 925 1000 Fine

Carolina Pattern—Bright Finish



For Child and Baby Sets to match see page 370

No.	FORKS	
11145	Cold meat, each	$ 3.37
11146	Dessert, hvy wgt., dozen	51.97
11147	Ice cream, doz.	39.80
11148	Indv salad, doz.	58.30
11149	Lemon, each	2.75
11150	Lettuce, each	6.67
11151	Medium, heavy wgt., dozen	71.22
11152	Oyster, doz.	35.42
11153	Pickle, each	5.42
	KNIVES	
11154	Butter, each	3.25
11155	Dessert, H. H., doz.	48.50
11156	Fruit, H. H., doz.	47.50
11157	Indv butter, doz.	50.00
11158	Indv butter, H H, dozen	50.00
11159	Medium, H. H., doz.	72.92

No.	LADLES	
11160	Cream, each	$ 4.17
11161	Gravy, each	10.45
11162	Mayonnaise, each	4.40
11163	Oyster, each	21.25
11164	Soup, each	37.50
	SPOONS	
11165	Berry, each	14.58
11166	Bouillon, doz.	50.00
11167	Coffee, doz.	15.84
11168	Dessert, hvy wgt., dozen	51.80
11169	Ice cream, doz.	37.50
11170	Iced tea, doz.	50.00
11171	Indv. salt doz.	10.42
11172	Olive each	6.05
11173	Orange, dozen	41.67
11174	Soup, hvy wgt. doz.	51.80

No.	SPOONS	
11175	Sugar, each	$ 5.22
11176	Table, hvy wgt., doz.	71.22
11177	Tea, med. wgt., doz.	26.27
11178	Tea, hvy wgt, doz	33.20
11179	Tea, ex hvy wgt dozen	38.69
	MISCELLANEOUS	
11180	Bon bon each	3.55
11181	Cheese server, H. H., Each	4.17
11182	Cheese scoop, each	9.17
11183	Cucumber server each	7.30
11184	Pie server, H. H., ea.	8.34
11185	Sugar tongs, each	4.59

CHEST SETS

No. 11186 26 pieces. 6 tea spoons, medium weight; 6 table spoons; 6 medium forks, heavy weight; 6 H H medium knives, 1 butter knife and 1 sugar shell. For description of chest see page 349. Per set..... $145.13

No. 11187 36 pieces. 12 teaspoons, medium weight; 6 table spoons; 6 medium forks, both heavy weight; 6 H H, medium knives, 1 each butter knife; sugar spoon; sugar tong; berry spoon; cream ladle and gravy ladle. For description of chest see page 350. Per set..... $245.20

No. 11188 56 pieces. 12 tea spoons, medium weight; 6 dessert spoons; 6 table spoons. 12 medium forks all heavy weight; 12 H. H medium knives, 1 each butter knife; sugar spoon; H. H. Pie server; cold meat fork; cream ladle; gravy ladle and soup ladle. For description of chest see page 351. Per set . $382.84

No. 11189 71 pieces. 18 tea spoons, medium weight, 12 dessert spoons; 6 table spoons; 12 medium forks, all heavy weight; 12 H. H. medium knives, 1 each butter knife, sugar spoon; berry spoon, H. H. Pie server; cream ladle, gravy ladle, soup ladle; serving salad fork and spoon and serving fish knife and fork. For description of chest see illustration. Per set $468.17

No. 11190 84 pieces. 12 teaspoons, medium weight; 12 dessert spoons; 12 table spoons; 12 dessert forks; 12 medium forks, all heavy weight; 12 each medium and dessert H. H. knives. For description of chest see page 353. Per set..... $490.40

71 PIECE CHEST

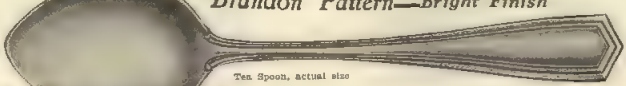
Solid mahogany, velvet lined, brass name plate, handles, corners, pullouts and locks

Sugar Shell, 3/7 size
Sugar Tongs, 3/7 size
Oyster Fork, 3/7 size
Olive Spoon, 3/7 size
Individual Salad Forks, 3/7 size
Soup Spoon, 3/7 size
Medium Fork, 3/7 size
Medium Knife, 3/7 size
Cold Meat Fork, 3/7 size
Berry Spoon, 3/7 size
Ice Cream Fork, 3/7 size
Butter Knife, 3/7 size
Individual Butter Spreader, 3/7 size
Pickle Fork, 3/7 size
Orange Spoon, 3/7 size
Bon Bon, 3/7 size
Berry or Lemon Fork, 3/7 size
Individual Salt Spoon, 3/7 size
Tomato or Ice Cream Server, 3/7 size
Hollow Handle Fruit Knife, 3/7 size
Gravy Ladle, 3/7 size
Iced Tea Spoon, 3/7 size
Lettuce Fork, 3/7 size
Hollow Handle Pie Server, 3/7 size
Coffee Spoon, 3/7 size

Sterling Silver Flatware

925 1000 Fine

Brandon Pattern—Bright Finish



All Fancy Pieces put up in lined Boxes

FOR CHILD AND BABY SETS TO MATCH SEE PAGE 370.

No.	FORKS	
11097	Cold meat, each	$14.10
11098	Dessert, med. wgt. dozen	54.00
11099	Dessert, heavy wgt., dozen	67.25
11100	Ice cream, doz.	47.70
11101	Indv. salad, doz.	97.60
11102	Lunch, each	3.47
11103	Lettuce, each	7.80
11104	Medium, med. wgt., dozen	67.35
11105	Medium, heavy wgt., dozen	81.90
11106	Oyster, dozen	30.32
11107	Pickle, each	6.50
	KNIVES	
11108	Butter, H. H.	6.50
11109	Dessert, HH, doz.	68.10
11110	Fruit, HH, doz.	59.00
11112	Indv. butter, doz.	52.00
11113	Medium HH, doz.	97.70
	LADLES	
11114	Cream, each	8.50
11115	Gravy, each	15.00
11116	Mayonnaise, each	4.35
11117	Soup or oyster, each	32.50
	SPOONS	
11118	Berry, each	17.35
11119	Bonbon, dozen	41.17
11120	Coffee, dozen	30.60
11121	Dessert, med. wgt., dozen	53.90
11122	Dessert, heavy wgt., dozen	66.90
11123	Ice cream, doz.	47.70
11124	Iced tea, doz.	58.50
11125	Indv. salt, doz.	10.45
11126	Olive, each	7.20
11127	Orange, dozen	$47.70
11128	Soup, med wgt, doz	53.90
11129	Sugar, each	4.35
11130	Table, med. wgt., doz	97.35
11131	Table, hvy wgt., doz	80.87
11132	Tea, trade wgt, doz	30.25
11133	Tea, med. wgt., doz	26.95
11134	Tea, hvy wgt doz	33.75
11135	Tea, ex. hvy wgt, doz	40.42
	MISCELLANEOUS	
11136	Bon bon, each	4.80
11137	Cucumber server, each	9.80
11138	Pie server, HH, each	8.70
11139	Sugar tongs, each	6.95

CHEST SETS

No. **11140** 26 pieces. 6 tea spoons, 6 table spoons, 6 medium forks, all medium weight, 6 H. H. medium knives, 1 butter knife and 1 sugar shell. For description of chest see page 349. Per set $141.25

No. **11141** 36 pieces. 12 tea spoons, 6 table spoons, 6 medium forks all medium weight, 6 H. H. medium knives, 1 each butter knife, sugar spoon, sugar tong, berry spoon, cream ladle and gravy ladle. For description of chest see page 350. Per set $250.10

No. **11142** 56 pieces. 12 tea spoons, 6 dessert spoons, 6 table spoons, 12 medium forks, all medium wgt. 12 H. H. medium knives, 1 each butter knife sugar spoon, H. H. pie server, cold meat fork, cream ladle, gravy ladle and soup ladle. For description of chest see illustration. Per set $383.90

No **11143** 71 pieces. 18 tea spoons, 12 dessert spoons 6 table spoons, 12 medium forks, all medium weight. 12 H. H medium knives, 1 each butter knife, sugar spoon, berry spoon, H. H. pie server, cream ladle, gravy ladle, soup ladle serving salad fork and spoon, serving fish fork and knife. For description of chest see page 352. Per set $521.50

No. **11144** 84 pieces 12 tea spoons, 12 table spoons, 12 dessert forks, 12 medium forks all medium weight, 12 each H. H. medium and dessert knives. For description of chest see page 353. Per set $490.60

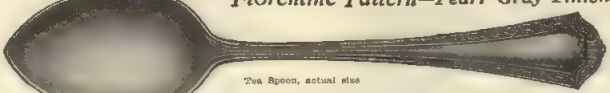
55 PIECE CHEST

Solid mahogany, velvet lined, brass handles, name plate, corners, pullouts and lock.

Sugar Shell, 3/7 size
Cream Fork, 3/7 size
Sugar Tongs, 3/7 size
Cake Spoon, 3/7 size
Butter Spreader, 3/7 size
Individual Salad Fork, 3/7 size
Butter Knife, 3/7 size
Ice Cream Fork, 3/7 size
Iced Tea Spoon, 3/7 size
Pickle Fork, 3/7 size
Bouillon Spoon, 3/7 size
Olive Spoon, 3/7 size
Soup Spoon, 3/7 size
Coffee Spoon, 3/7 size
Gravy Ladle, 3/7 size
Medium Fork, 3/7 size
Berry or Lemon Fork, 3/7 size
Individual Salt Spoon, 3/7 size
Berry Spoon, 3/7 size
Medium Knife, 3/7 size
Cold Meat Fork, 3/7 size
Hollow Handle Pie Server, 3/7 size
Lettuce Fork, 3/7 size
Hollow Handle Cheese Server, 3/7 size
Sardine Fork, 3/7 size

Sterling Silver Flatware 925/1000 Fine

Florentine Pattern—Pearl Gray Finish



All Fancy Pieces Put Up in Lined Boxes

FOR CHILD AND BABY SETS TO MATCH SEE PAGE 370.

No.	FORKS	
11672	Cold meat, each	$11.47
11673	Dessert, trade wgt., dozen	45.33
11674	Dessert, med. wgt., dozen	53.45
11675	Ice cream, doz.	52.10
11676	Indv. Salad, doz.	56.25
11677	Lemon or berry, each	2.10
11678	Lettuce, each	8.34
11679	Medium, trade wgt., dozen	58.37
11680	Medium, med. wgt. dozen	68.07
11681	Oyster, doz.	29.30
11682	Pickle, each	4.17
11683	Sardine, each	6.25

No.	KNIVES	
11684	Butter, each	$ 5.04
11685	Dessert, H. H. doz.	58.24
11686	Indv. butter, doz.	41.67
11687	Medium, H. H., doz.	68.07
	LADLES	
11688	Cream, each	6.25
11689	Gravy, each	11.47
11690	Oyster each	22.37
11691	Soup, each	37.50
	SPOONS	
11692	Berry, each	14.36
11693	Bouillon, doz.	37.50
11694	Coffee, doz.	17.37
11695	Dessert, trade wgt., dozen	45.32
11696	Dessert, med. wgt., dozen	53.45
11697	Iced tea, doz.	47.92
11698	Indv salt, doz.	10.00

No.	SPOONS	
11699	Olive, each	$ 3.17
11700	Orange, each	45.90
11701	Soup, trade wgt., doz	45.50
11702	Sugar shell	4.17
11703	Table, trade wgt., dozen	58.37
11704	Table, med. wgt., dozen	68.07
11705	Tea, trade wgt., doz.	19.42
11706	Tea med wgt. doz.	25.90
11707	Tea, heavy wgt., doz.	33.37
	MISCELLANEOUS	
11708	Bon Bon, each	4.90
11709	Cheese server, H. H., each	4.16
11710	Pie server H. H. each	8.34
11711	Sugar tong, each	6.25

84-PIECE CHEST

Solid mahogany velvet lined Brass handles, name plate, corners, pull-outs and lock.

CHEST THIS

No. **11712** 26 pieces, 6 tea spoons, 6 table spoons, 6 medium forks, all trade weight, 6 H. H. medium knives, 1 butter knife and sugar spoon. For description of chest see page 369. Per set $124.00

No. **11713** 56 pieces, 12 tea spoons, 6 table spoons, 6 medium forks all trade weight, 6 H. H. medium knives, 1 each butter knife, sugar spoon, sugar tong, berry spoon, cream ladle and gravy ladle. For description of chest see page 369 Per set $226.40

No. **11714** 56 pieces, 12 tea spoons, 6 dessert spoons, 6 table spoons, 12 medium forks, all medium weight, 12 H. H. medium knives, 1 each butter knife, sugar spoon, cold meat fork, H. H. pie server, cream ladle, gravy ladle and soup ladle. For description of chest see page 361. Per set $378.90

No. **11715** 71 pieces, 12 tea spoons, 12 dessert spoons, 6 table spoons, 12 medium forks, all medium weight, 12 H. H. medium knives, 1 each butter knife, sugar spoon, berry spoon, cold meat fork, lettuce fork, H. H. pie server, cream ladle, gravy ladle, soup ladle and serving salad fork and spoon. For description of chest see page 362. For set $467.05

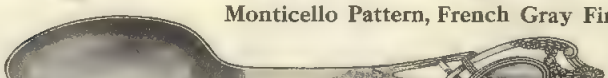
No. **11716** 84 pieces, 12 tea spoons 12 dessert spoons, 12 table spoons, 12 dessert forks, 12 medium forks all medium weight, 12 H. H. dessert knives and 12 H. H. medium knives. For description of chest see illustration. Per set $476.44

Sugar Tongs, 3/7 size
Butter Spreader, 3/7 size
Olive Spoon, 3/7 size
Iced Tea Spoon, 3/7 size
Soup Spoon, 3/7 size
Hollow Handle Medium Knife, 3/7 size
Berry Spoon, 3/7 size
Lemon Fork, 3/7 size
Hollow Handle Cheese Server, 3/7 size
Cheese Scoop, 3/7 size
Bon Bon, 3/7 size
Lemon Fork, 3/7 size
Coffee Spoon, 3/7 size
Individual Salad Fork, 3/7 size
Gravy Ladle, 3/7 size
Medium Fork, 3/7 size
Cold Meat Fork, 3/7 size
Hollow Handle Pie Server, 3/7 size
Ice Cream Fork, 3/7 size

Sterling Silver Flatware

925/1000 Fine

Monticello Pattern, French Gray Finish.



FOR CHILD AND BABY SETS MATCH SEE PAGE 370.

FORKS

No.		
11717	Cold meat, each	$ 9.37
11718	Dessert, heavy wgt dozen	55.70
11719	Ice cream, doz	37.50
11720	Indv salad, doz.	56.30
11721	Lemon each	2.70
11722	Lettuce, each	6.30
11723	Medium, heavy wgt. dozen	76.70
11724	Oyster, doz.	37.50
11725	Pickle, each	5.63

KNIVES

11726	Butter, each	6.30
11727	Dessert, HH doz.	62.50
11728	Fruit, HH, doz.	47.50
11729	Indv. butter, doz.	33.35
11730	Indv. butter, HH, doz.	33.35
11731	Medium HH, doz.	70.85

LADLES

11732	Cream, each	$ 4.17
11733	Gravy, each	12.50
11734	Mayonnaise each	4.48
11735	Oyster, each	21.30
11736	Soup, each	37.50

SPOONS

11737	Berry, each	15.65
11738	Bouillon, doz.	53.35
11739	Coffee, dozen	22.95
11740	Dessert hvy wgt doz	55.70
11741	Ice cream, dozen	37.50
11742	Iced tea, doz.	53.35
11743	Indv salt, doz.	10.45
11744	Olive each	6.03
11745	Orange, dozen	43.80
11746	Soup, hvy wgt., doz.	55.70

SPOONS

11747	Sugar, each	$ 4.70
11748	Table, hvy wgt, doz	76.73
11749	Tea, med. wgt., doz.	27.73
11750	Tea, hvy wgt., doz.	34.93
11751	Tea, ex. hvy wgt., doz	42.17

MISCELLANEOUS

11752	Bon bon, each	4.17
11753	Cheese server, HH, each	4.17
11754	Cheese scoop, each	3.13
11755	Cucumber server, ea.	7.30
11756	Pie server, HH, each	8.35
11757	Sugar tongs, each	5.20

CHEST SETS

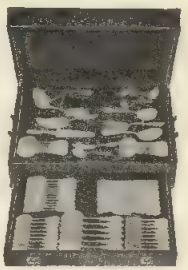
No. **11758** 26 pieces. 6 tea spoons, medium weight; 6 table spoons; 6 medium forks, heavy weight; 6 HH medium knives; 1 butter knife and 1 sugar shell. For description of chest see page 366. Per set $149.93

No. **11759** 36 pieces. 12 teaspoons, medium weight; 6 table spoons, 6 medium forks, both heavy weight; 6 HH medium knives 1 each butter knife, sugar spoon, sugar tong, berry spoon cream ladle and gravy ladle. For description of chest see page 365. Per set $264.40

No. **11760** 55 pieces. 12 tea spoons medium weight; 6 dessert spoons of table spoons, 12 medium forks, all heavy weight; 12 HH medium knives 1 each butter knife, sugar spoon HH, Pie server cold meat fork, cream ladle, gravy ladle and soup ladle. For description of chest see page 16 Per set $394.08

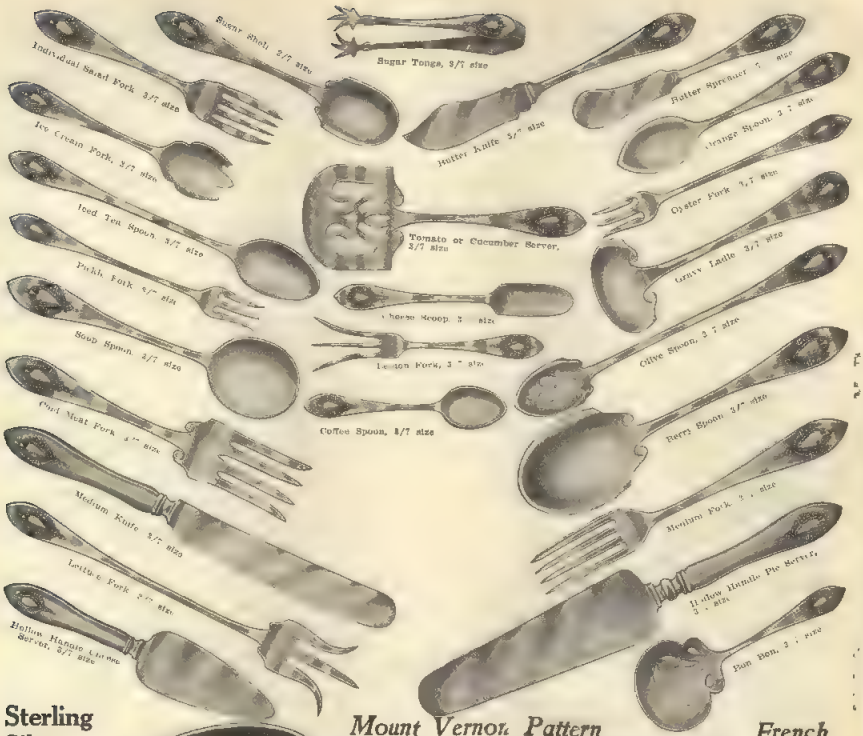
No. **11761** 71 pieces. 18 teaspoons medium weight 12 dessert spoons 6 table spoons 12 medium forks all heavy weight, 12 HH, medium knives, 1 each butter knife sugar spoon, berry spoon, HH Pie server cream ladle, gravy ladle, soup ladle, serving salad fork and spoon and serving fish knife and fork. For description of chest see illustration. Per set $540.96

No. **11762** 84 pieces. 12 teaspoons, medium weight 12 dessert spoons 12 table spoons 12 dessert forks, 12 medium forks, all heavy weight; 12 each medium and dessert HH knives. For description of chest see page 365. Per set $508.41



71 PIECE CHEST

Solid mahogany velvet lined, brass name plate, handles corners pullouts and locks


Individual Salad Fork 3/7 size
Sugar Shell, 3/7 size
Sugar Tongs, 3/7 size
Butter Sprinkler, 7" size
Ice Cream Fork, 3/7 size
Butter Knife 5" size
Orange Spoon, 3 7 size
Iced Tea Spoon, 3/7 size
Oyster Fork 3/7 size
Tomato or Cucumber Server, 3/7 size
Gravy Ladle 3/7 size
Fish Fork 3/7 size
Cheese Scoop 3" size
Soup Spoon, 3/7 size
Lemon Fork, 3 7 size
Olive Spoon, 3 7 size
Coffee Spoon, 3/7 size
Cod Meat Fork 3" size
Berry Spoon 3/7 size
Medium Knife 3/7 size
Medium Fork 3 7 size
Lettuce Fork 3/7 size
Individual Pie Server, 3 7 size
Hollow Handle Carving Set, 3/7 size
Bon Bon, 3 7 size

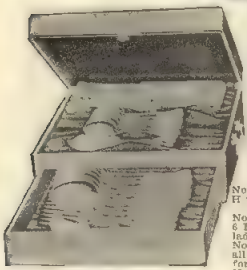
Sterling Silver Flatware 925/1000 **Fine**

Mount Vernon Pattern Bright Finish

French Gray Wreath

Tea Spoon, actual size

FOR CHILD AND BABY SETS TO MATCH SEE PAGE 370.



28-PIECE CHEST

Solid oak golden oak finish, velvet lined Nickel plated handles, name plate, pullouts and catches or mahogany finish brass plated handles, name plates, pullouts and catches.

No.	FORKS	
11484	Cold meat each	$11.47
11485	Dessert, heavy wgt dozen	55.87
11486	Ice cream, dozen	39 50
11487	Indv salad, dozen	56.25
11488	Lemon, each	2.72
11489	Lettuce, each	8.87
11490	Medium, heavy wgt dozen	76.77
11491	Oyster dozen	37.50
11492	Pickle, each	3.17
	KNIVES	
11493	Butter, each	8.56
11494	Dessert, H. H., doz	62.50
11495	Fruit, H. H., doz	47.50
11496	Indv butter, dozen	50.00
11497	Indv. butter, H. H dozen	50.00
11498	Medium, H. H., doz	70.84

No.	LADLES	
11499	Cream, each	$ 4.58
11500	Gravy, each	9.39
11501	Mayonnaise, each	4.80
11502	Oyster, each	33.34
11503	Soup, each	37 50
	SPOONS	
11504	Berry, each	14.60
11505	Bouillon dozen	41.65
11506	Coffee, dozen	28.92
11507	Dessert, heavy wgt, dozen	55.87
11508	Ice cream dozen	37.50
11509	Iced tea, dozen	50.00
11510	Indv salt, dozen	10.42
11511	Olive, each	8.05
11513	Orange, dozen	42.00
11512	Soup, hvy wgt, doz.	55.87

No.	SPOONS	
11514	Sugar, each	$ 5.25
11515	Table, hvy. wgt., doz.	76.77
11516	Tea, med wgt., doz.	27.75
11517	Tea, hvy. wgt., doz.	34.95
11518	Tea, extra hvy. wgt., dozen	42.17
	MISCELLANEOUS	
11519	Bon Bon, each	3.75
11520	Cheese scoop each	5.65
11521	Cheese server, H. H., each	4.20
11522	Cucumber server, ea.	7.35
11523	Pie server, H. H each	8.40
11524	Sugar tongs, each.	4.40

CHEST SETS

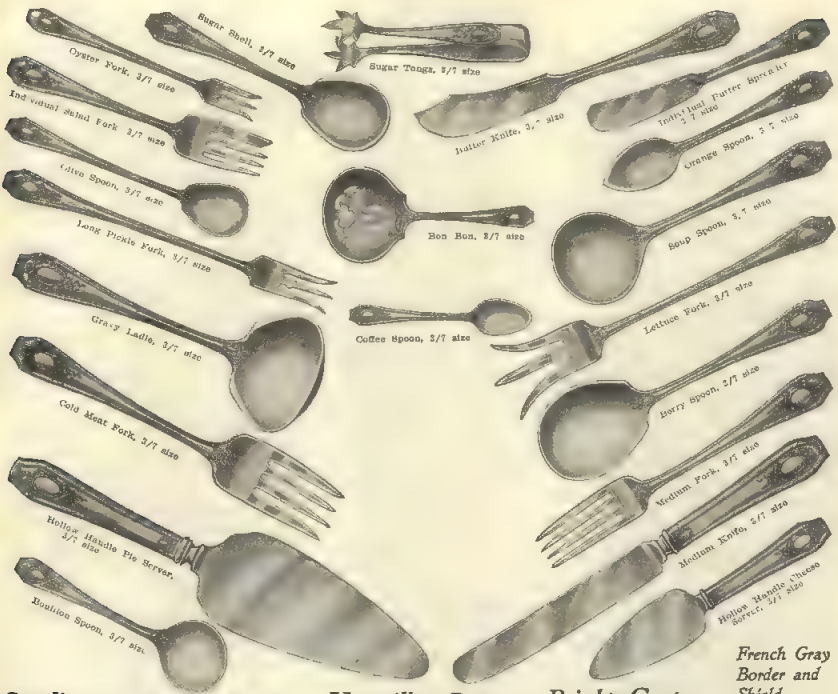
No. **11525** 8 tea spoons, medium weight, 6 table spoons, 6 medium forks, heavy weight, 6 H. H medium knives, 1 butter knife and 1 sugar spoon. For description of chest see illustration. Per set $132.90

No. **11526** 26 pieces. 12 tea spoons, medium weight, 6 table spoons, 6 medium forks, both heavy weight, 6 H. H medium knives, 1 each butter knife, sugar spoon, sugar tong, berry spoon, cream ladle and gravy ladle. For description of chest see page 380. Per set $254.40

No. **11527** 56 pieces. 12 tea spoons, medium weight, 6 dessert spoons, 6 table spoons 12 medium forks, all heavy weight, 12 H H medium knives, 1 each butter knife sugar spoons, H. H. pie server cold meat fork, cream ladle, gravy ladle and soup ladle. For description of chest see page 381. Per set..... $396.40

No. **11528** 71 pieces. 12 tea spoons, medium weight, 12 dessert spoons, 6 table spoons, 12 medium forks, all heavy weight, 12 H. H. medium knives, 1 each butter knife, sugar spoon, berry spoon, H. H. pie server, cream ladle, gravy ladle, soup ladle, serving salad fork and spoon and serving fish knife and fork For description of chest see page 382. Per set..... $536.07

No. **11529** 84 pieces. 12 tea spoons, medium weight, 12 dessert spoons, 12 table spoons, 12 dessert forks, 12 medium fork, all heavy weight 12 H. H. dessert knives and 12 H. H. medium knives. For description of chest see page 383. For set..... $868.90

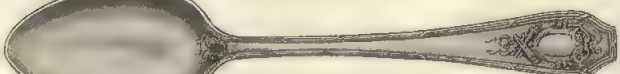

Sugar Shell, 3/7 size
Sugar Tongs, 3/7 size
Oyster Fork, 3/7 size
Individual Butter Spreader 3/7 size
Individual Salad Fork 3/7 size
Butter Knife, 3/7 size
Orange Spoon, 3/7 size
Olive Spoon, 3/7 size
Bon Bon, 3/7 size
Soup Spoon, 3/7 size
Long Pickle Fork, 3/7 size
Coffee Spoon, 3/7 size
Lettuce Fork, 3/7 size
Gravy Ladle, 3/7 size
Berry Spoon, 3/7 size
Cold Meat Fork, 3/7 size
Medium Fork, 3/7 size
Hollow Handle Pie Server, 3/7 size
Medium Knife, 3/7 size
Bouillon Spoon, 3/7 size
Hollow Handle Cheese Server, 3/7 size

French Gray Border and Shield

Sterling Silver Flatware

925/1000 Fine

Versailles Pattern—Bright Center



All Fancy Pieces Put Up in Lined Boxes

FOR CHILD AND BABY SETS TO MATCH SEE PAGE 370.

No.	FORKS	
11530	Cold meat, each	$12.50
11531	Dessert, heavy wgt., dozen	58.80
11532	Ice cream, dozen	45.10
11533	Individual salad, dozen	66.67
11534	Lemon or berry, each	2.45
11535	Lettuce, each	7.75
11536	Medium, heavy wgt., dozen	72.50
11537	Oyster, dozen	35.55
11538	Pickle, each	5.63
	KNIVES	
11539	Butter, each	3.34
11540	Dessert, H. H., dozen	66.67
11541	Steak, H. H., dozen	50.00
11542	Individual butter, dozen	47.33
11543	Medium, H. H., doz.	75.00

No.	LADLES	
11544	Cream, each	$ 6.67
11545	Gravy, each	13.60
11546	Mayonnaise, each	4.60
11547	Soup ladle, each	37.80
	SPOONS	
11548	Berry, each	10.70
11549	Bouillon, dozen	45.83
11550	Coffee, dozen	19.80
11551	Dessert, heavy wgt., dozen	58.47
11552	Ice cream, dozen	45.00
11553	Iced tea, dozen	60.43
11554	Individual salt, dozen	17.50
11555	Olive, each	3.80
11556	Orange, dozen	50.00
11557	Soup, heavy weight, dozen	59.93

No.	SPOONS	
11558	Sugar, each	5.25
11559	Table, ex heavy wgt., dozen	377.70
11560	Tea, extra wgt., doz.	32.40
11561	Tea, heavy wgt., doz.	38.90
11562	Tea, ex heavy wgt., dozen	45.50
	MISCELLANEOUS	
11563	Bon Bon, each	$ 4.20
11564	Cheese server, H. H., each	4.60
11565	Cucumber server, each	13.60
11566	Pie server, H. H., ea.	8.97
11567	Sugar tongs, each	5.70

CHEST SETS

No. 11568 26 pieces. 6 tea spoons, extra weight, 6 table spoons extra heavy, 6 medium forks, heavy weight, 6 H. H. medium knives, 1 butter knife and sugar shell. For description of chest see page 359. Per set $166.20

No. 11569 36 pieces. 12 tea spoons, extra weight, 6 table spoons, extra heavy, 6 medium forks, heavy weight, 6 H. H. medium knives, 1 each butter knife, sugar shell, sugar tong, berry spoon, cream ladle and gravy ladle. For description of chest see illustration. Per set $267.10

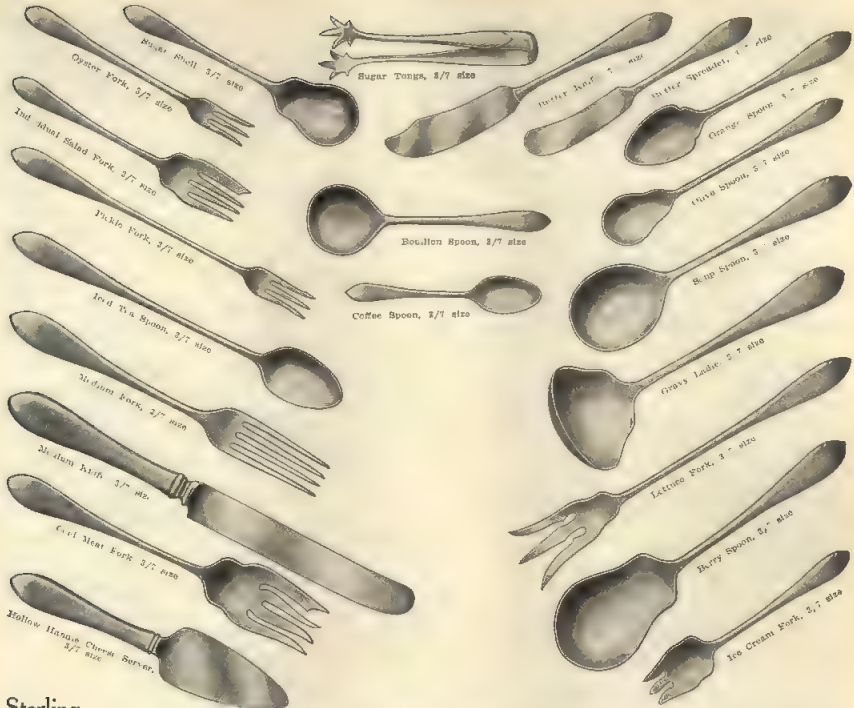
No. 11570 75 pieces. 12 tea spoons, extra weight, 6 dessert spoons, heavy, 6 table spoons extra heavy, 12 medium forks, heavy weight, 12 H. H. medium knives, 1 each butter knife, sugar spoon, cold meat fork, H. H. pie server, cream ladle, gravy ladle and soup ladle. For description of chest see page 361. Per set $410.73

No. 11571 71 pieces. 12 tea spoons, extra weight, 12 dessert spoons, heavy weight, 6 table spoons, extra heavy weight, 12 medium forks, heavy weight, 12 H. H. medium knives, 1 each butter knife, sugar spoon, berry spoon, H. H. pie server, cream ladle, gravy ladle and soup ladle, serving salad fork and spoon, serving fish knife and cold meat fork. For description of chest see page 362. Per set $536.50

No. 11572 84 pieces. 12 tea spoons extra weight, 12 dessert spoons, heavy weight, 12 table spoons, extra heavy weight, 12 dessert forks, 12 medium forks, all heavy weight, 12 H. H. dessert knives and 12 H. H. medium knives. For description of chest see page 363. Per set $623.70

36-PIECE CHEST

Solid mahogany, velvet lined, brass handles, name plate, corners, pullouts and lock.


Oyster Fork, 3/7 size
Sugar Shell 3/7 size
Sugar Tongs, 3/7 size
Butter Knife, 7" size
Butter Spreader, 7" size
2nd Meat Salad Fork 3/7 size
Orange Spoon, 7" size
Pickle Fork, 3/7 size
Bouillon Spoon, 3/7 size
Iced Tea Spoon, 3/7 size
Coffee Spoon, 3/7 size
Soup Spoon, 7" size
Medium Fork, 3/7 size
Gravy Ladle, 7" size
Medium Knife 3/7 size.
Lettuce Fork, 7" size
Cold Meat Fork 3/7 size
Berry Spoon, 7" size
Hollow Handle Cheese Server, 3/7 size
Ice Cream Fork, 3/7 size
Sterling Silver Flatware
925 1000 Fine
Puritan Pattern. Bright Finish
All Fancy Pieces Put Up in Lined Boxes
Tea Spoon, actual size

FOR CHILD AND BABY SETS TO MATCH SEE PAGE 370.

26-PIECE CREST

Solid oak, golden oak finish velvet lined nickel plated handles, name plate, catches and pullouts, or hardwood mahogany finish, brass finished name plate, handles, catches and pull-out.

No.	FORKS	
11000	Cold meat, each	$0.85
11001	Dessert, trade wgt dozen	10.10
11002	Dessert, heavy wgt dozen	10.30
11003	Ice cream, doz.	37.50
11004	Indv. salad, doz.	44.85
11005	Lemon, each	3.35
11006	Lettuce, each	0.65
11007	Medium, extra wgt. dozen	14.80
11008	Medium heavy wgt dozen	71.20
11009	Oyster, doz.	35.85
11010	Pickle, long, each	4.20
	KNIVES	
11011	Butter, large, each	0.85
11012	Dessert, HH, doz.	62.50
11013	Fruit, HH, doz.	47.95
11014	Indv. butter, doz.	11.67
	KNIVES	
11015	Medium, HH, doz	$70.85
	LADLES	
11016	Cream, each	4.65
11017	Gravy, each	12.00
11018	Mayonnaise, each	4.85
11019	Oyster, each	22.17
11020	Soup, each	37.50
	SPOONS	
11021	Berry, each	13.43
11022	Bouillon, doz.	43.78
11023	Coffee, doz.	18.80
11024	Dessert, trade wgt. dozen	45.15
11025	Dessert, heavy wgt dozen	58.20
11026	Ice cream, doz.	41.70
11027	Iced tea, doz.	54.15
11028	Indv. salt, doz.	10.45
	SPOONS	
11029	Olive, each	$ 3.35
11030	Orange, doz.	46.90
11031	Soup, trd. wgt. doz	49.95
11032	Soup, extra heavy wgt., dozen	66.67
11033	Sugar, each	4.00
11034	Table, extra wgt dozen	64.80
11035	Table, heavy wgt., dozen	71.20
11036	Tea, small, dozen	21.85
11037	Tea, trade wgt doz	26.35
11038	Tea, extra wgt doz	32.40
11039	Tea, hvy wgt doz	38.90
	MISCELLANEOUS	
11040	Cheese server, HH, each	4.60
11041	Pie server, HH, each	8.45
11042	Sugar tongs, each	5.43

CHEST SETS

No. **11043** 26 pieces, 6 tea spoons, trade wgt., 6 table spoons, 6 medium forks, both extra wgt., 6 HH medium knives 1 each butter knife and sugar shell, for description of chest see illustration Per set $36.00

No. **11044** 36 pieces, 12 tea spoons, trade wgt., 6 table spoons, 6 medium forks, both extra wgt., 6 HH medium knives, 1 each butter knife, sugar spoon, sugar tong, berry spoon, gravy ladle and cream ladle, for description of chest see page 350 Per set $327.90

No **11045** 55 pieces, 12 tea spoons, 6 dessert spoons, both trade wgt., 6 table spoons, 12 table forks, both extra wgt., 12 HH medium knives, 1 each butter knife, sugar spoon, HH pie server, cold meat fork cream ladle gravy ladle and soup ladle For description of chest see page 351 Per set $386.90

No **11046** 55 pieces 18 tea spoons 12 dessert spoons both trade wgt 6 table spoons, 12 table forks both extra wgt 2 HH tool sets, 1 each butter knife, sugar spoon berry spoon HH pie server, 1 cream ladle gravy ladle soup ladle serving salad spoon and fork and serving fish knife and fork For description of chest see page 352 Per set $462.85

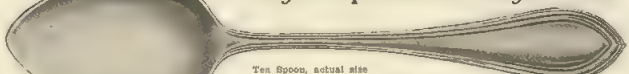
No **11047** 81 pieces 12 tea spoons 12 dessert spoons 12 dessert forks all trade wgt 12 table spoons, 12 medium forks, both extra wgt, 12 each dessert and medium HH knives For description of chest see page 353. Per set $480.10

Sugar Shell, 3/7 size
Sugar Tongs, 2/7 size
Individual Salad Fork, 3/7 size
Tea Spoon, 3/7 size
Butter Knife, 3/7 size
Butter Spreader, 3/7 size
Orange Spoon, 3/7 size
Soup Spoon, 3/7 size
Olive Spoon, 3/7 size
Tomato or Cucumber Server, 3/7 size
Pickle Fork, 3/7 size
Roast Beef Fork, 3/7 size
Hollow Handle Knife, 3/7 size
Gravy Ladle, 3/7 size
Medium Fork, 3/7 size
Berry or Lemon Fork, 3/7 size
Coffee Spoon, 3/7 size
Medium Knife, 3/7 size
Berry Spoon, 3/7 size
Cold Meat Fork, 3/7 size
Lettuce Fork, 3/7 size
Hollow Handle Pie Knife 3/7 size
Pie Knife, 3/7 size
Cheese Server, 3/7 size

Sterling Silver Flatware

925 1000 Fine

King Philip Pattern—Bright Finish



All Fancy Pieces put up in lined Boxes

FOR CHILD AND BABY SETS TO MATCH SEE PAGE 370.

No.		
	FORKS	
11046	Beef, each	$ 4.80
11045	Cold meat, each	14.00
11050	Dessert, med. wgt., dozen	57.35
11051	Dessert, heavy wgt., dozen	70.35
11052	Ice cream, dozen	56.25
11053	Indv salad, doz.	66.70
11054	Lemon, each	3.35
11055	Lettuce, each	8.35
11056	Medium med. wgt., dozen	77.70
11057	Medium, heavy wgt., dozen	85.65
11058	Oyster dozen	34.40
11059	Pickle, each	5.35
	KNIVES	
11060	Butter, large each.	9.40
11061	Dessert, HH, dozen	66.70
11062	Fruit, HH, dozen	82.80
11063	Indv butter, doz.	854.15
11064	Medium, HH doz	73.00
	LADLES	
11065	Cream, each	5.25
11066	Gravy, each	11.45
11067	Oyster, each	28.15
11068	Soup, each	41.70
	SPOONS	
11069	Berry, large each.	16.70
11070	Bouillon, doz.	44.80
11071	Coffee, doz.	16.70
11072	Dessert, med. wgt., dozen	57.36
11073	Dessert, heavy wgt., dozen	70.30
11074	Ice cream, doz.	58.35
11075	Iced tea, doz.	66.95
11076	Indv. salt, gilt, doz.	10.45
11077	Olive, each	$ 6.25
11078	Orange, doz.	58.35
11079	Soup, med. wgt., doz.	57.35
11080	Soup, hvy wgt doz	63.80
11081	Sugar, each	4.15
11082	Table, med wgt., doz	77.70
11083	Table, hvy wgt., doz.	85.65
11084	Tea, light, doz.	25.25
11085	Tea, med. wgt., doz	32.35
11086	Tea, hvy wgt., doz.	38.35
	MISCELLANEOUS	
11087	Bon bon, each	5.00
11088	Cheese server, each.	4.15
11089	Cucumber server ea.	9.40
11090	Pie server, HH, each	5.35
11091	Sugar tongs, each.	9.40

CHEST SETS

No. 11092 26 pieces, 6 teaspoons, 6 table spoons, 6 medium forks, all medium weight; 6 HH medium knives; 1 butter knife and 1 sugar shell. For description of chest see page 349. Per set $161.80

No. 11093 36 pieces. 12 teaspoons, 6 table spoons, 6 medium forks, all medium weight, 6 HH medium knives, 1 each jelly server, sugar spoon, butter knife, gravy ladle, cream ladle and sugar tong. For description of chest see illustration. Per set $264.50

No. 11094 55 pieces. 12 teaspoons, 6 dessert spoons, 6 table spoons, 12 medium forks, all medium weight, 12 HH medium knives, 1 each sugar spoon, butter knife, HH pie server, cream ladle, gravy ladle, cold meat fork and soup ladle. For description of chest see page 351. Per set $427.30

No. 11095 75 pieces. 18 teaspoons 12 dessert spoons 6 table spoons, 12 medium forks all medium weight, 12 HH medium knives, 1 each butter knife, sugar spoon, berry spoon, cream ladle, gravy ladle soup ladle, HH pie server, serving salad fork and spoon and serving fish fork and knife. For description of chest see page 353. Per set $558.15

No. 11096 84 pieces 12 teaspoons 12 dessert spoons 12 table spoons, 12 dessert forks 12 medium forks all medium weight 12 each HH medium and dessert knives For description of chest see page 353 Per set $526.80

36 PIECE CHEST

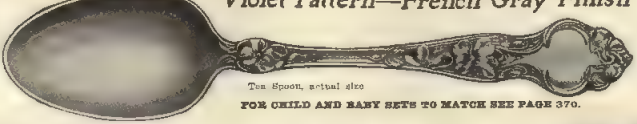
Solid mahogany velvet lined, brass handles, name plate, corners, pullouts and lock.

Oyster Fork, 3/7 size
Shell, 3/7 size
Sugar Tongs, 3/7 size
Individual Butter Spreader, 3/7 size
Olive Spoon, 3/7 size
Butter Knife, 3/7 size
Pickle Fork, 3/7 size
Individual Salad Fork, 3/7 size
Orange Spoon, 3/7 size
Ice Cream Fork, 3/7 size
Iced Tea Spoon, 3/7 size
Bon Bon, 3/7 size
Soup Spoon, 3/7 size
Gravy Ladle, 3/7 size
Coffee Spoon, 3/7 size
Medium Fork, 3/7 size
Cold Meat Fork, 3/7 size
Medium Knife, 3/7 size
Hollow Handle Cream Server, 3/7 size
Berry Spoon, 3/7 size

Sterling Silver Flatware

925/1000 Fine

Violet Pattern—French Gray Finish



Tea Spoon, actual size

All Fancy Pieces Put Up in Lined Boxes

FOR CHILD AND BABY SETS TO MATCH SEE PAGE 370.

No.	FORKS	
11958	Cold meat, each	$10.00
11959	Des., trade wgt., doz.	46.30
11960	Des., extra wgt., doz.	52.53
11961	Des., heavy wgt., doz.	58.50
11962	Ice cream, doz.	37.50
11963	Indv. salad, doz.	58.35
11964	Lettuce, each	6.67
11965	Med., extra wgt., doz.	66.60
11966	Med., heavy wgt., doz	79.50
11967	Oyster, doz.	21.30
11968	Pickle, each	5.95
	KNIVES	
11969	Butter, each	5.65
11970	Dessert, H. H., doz.	58.35
11971	Fruit, H. H., doz.	47.50
11972	Indv. butter, doz.	39.60
11973	Medium, H. H., doz.	66.07

No.	LADLES	
11974	Cream, each	$ 5.60
11975	Gravy, each	11.80
11976	Oyster, each	30.20
11977	Soup, each	37.50
	SPOONS	
11978	Berry, each	14.60
11979	Bouillon, doz.	35.50
11980	Coffee, doz.	15.50
11981	Des., trade wgt., doz.	46.30
11982	Des., extra wgt., doz.	52.53
11983	Des., heavy wgt., doz.	58.50
11984	Ice cream, doz.	37.50
11985	Iced tea, doz.	65.00
11986	Olive, each	5.63
11987	Orange, doz.	46.90
11988	Soup, trd. wgt., doz.	49.95
11989	Soup, ex. hvy., doz.	66.60

No.	SPOONS	
11990	Sugar each	$ 4.20
11991	Table, trd. wgt. doz	59.20
11992	Table, ex. wgt. doz.	66.60
11993	Table, hvy. wgt., doz.	73.53
11994	Tea, trade wgt., doz.	25.90
11995	Tea, extra wgt., doz.	32.40
11996	Tea, heavy wgt., doz.	38.90
11997	Tea, ex. heavy wgt., dozen	45.50
	MISCELLANEOUS	
11998	Bon Bon, each	4.30
11999	Cheese server, H. H., each	4.20
12000	Pie server, H. H., each	8.00
12001	Sugar tongs, each	6.70

CHEST SETS

No. **12002** 36 pieces, 6 tea spoons, 6 table spoons, both trade wgt., 6 medium forks, extra wgt., 6 H. H. medium knives, 1 butter knife and 1 sugar shell. For description of chest see page 366. Per set $131.80

No. **12003** 36 pieces, 12 tea spoons, 6 table spoons, 6 medium forks, all extra wgt., 6 H. H. medium knives, 1 each butter knife, sugar spoon, sugar tong, berry spoon, cream ladle and gravy ladle. For description of chest see page 365. Per set $225.90

No. **12004** 55 pieces, 12 tea spoons, 6 dessert spoons, 6 table spoons, 12 medium forks, all extra wgt., 12 H. H. medium knives, 1 each butter knife, sugar spoon, cold meat fork, H. H. pie server, cream ladle, gravy ladle and soup ladle. For description of chest see page 367. Per set $377.70

No. **12005** 71 pieces, 18 tea spoons, 12 dessert spoons, 6 table spoons, 12 medium forks, all extra wgt., 12 H. H. medium knives, 1 each butter knife, sugar spoon, berry spoon, H. H. pie server, cream ladle, gravy ladle, soup ladle, serving salad spoon and fork and serving fish knife and fork. For description of chest see page 363. For set $498.55

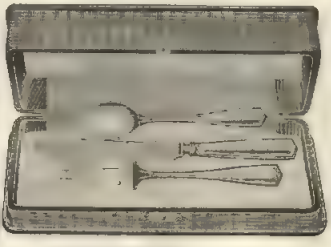
No. **12006** 94 pieces, 12 tea spoons, 12 dessert spoons 12 table spoons, 12 dessert forks 12 medium forks all extra wgt., 12 H. H dessert knives and 12 H. H medium knives. For description of chest see illustration Per set $478.13

84-PIECE CHEST

Solid mahogany, velvet lined, brass handles, name plate, corners, pull outs and lock

Sterling Silver Baby Spoons, Forks, Child and Baby Sets

Guaranteed 925/1000 Fine



3-PIECE CHILD'S SETS

(Edgewood pattern illustrated.)
With hollow handle knife. Put up in lined boxes

		Per Set
No. 12007	Puritan pattern, bright finish	$11.15
No. 12008	King Philip pattern, bright	11.90
No. 12009	Brandon pattern, bright	11.90
No. 12010	Carolina pattern, bright finish	10.50
No. 12011	John Alden pattern, bright	11.90
No. 12012	Washington pattern, bright	12.60
No. 12013	Chippendale pattern, bright	10.45
No. 12014	New Margaret pattern, bright	11.90
No. 12015	Shirley pattern, bright finish	12.90
No. 12016	Martha Washington pattern, bright finish	12.50
No. 12017	Mount Vernon pattern, bright finish, French gray wreath	10.80
No. 12018	Versailles pattern, French gray border	12.30
No. 12019	Devonshire pattern, French gray finish	11.90
No. 12020	Queen Louise pattern, pearl gray finish	12.80
No. 12021	Florentine pattern, pearl gray finish	10.80
No. 12022	Monticello pattern, French gray finish	$10.45
No. 12023	Victoria pattern, French gray finish	10.45
No. 12024	Edgewood pattern, French gray finish	11.90
No. 12025	Meadow rose pattern, French gray finish	12.80
No. 12026	Frontenac pattern, French gray finish	11.90
No. 12027	Violet pattern, French gray finish	11.15

3-PIECE CHILD'S SET

(Brandon pattern illustrated.)
With hollow handle knife. Put up in silk moreen cases. Fancy lined and hinged.

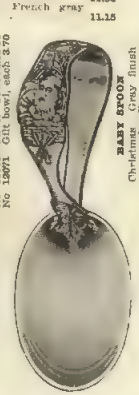
		Per Set
No. 12028	Puritan pattern, bright finish	$12.85
No. 12029	King Philip pattern, bright	13.60
No. 12030	Brandon pattern, bright finish	13.60
No. 12031	Carolina pattern, bright finish	12.20
No. 12032	John Alden pattern, bright	13.60
No. 12033	Washington pattern, bright finish	14.30
No. 12034	Chippendale pattern, bright	12.15
No. 12035	New Margaret pattern, bright	13.60
No. 12036	Shirley pattern, bright finish	13.60
No. 12037	Martha Washington pattern, bright finish	14.20
No. 12038	Mount Vernon pattern, bright finish, French gray wreath	12.20
No. 12039	Versailles pattern, French gray border	14.50
No. 12040	Devonshire pattern, French gray finish	13.60
No. 12041	Queen Louise pattern, pearl gray finish	14.20
No. 12042	Florentine pattern, pearl gray	13.95
No. 12043	Monticello pattern, French gray finish	12.15
No. 12044	Victoria pattern, French gray	12.15
No. 12045	Edgewood pattern, French gray finish	13.60
No. 12046	Meadow rose pattern, French gray finish	14.20
No. 12047	Frontenac pattern, French gray finish	13.60
No. 12048	Violet pattern, French gray	12.85

2-PIECE BABY SET

(King Philip pattern illustrated.)
One each straight handle baby fork and spoon. Put up in lined boxes.

		Per Set
No. 12049	Puritan pattern not made	
No. 12050	King Philip pattern, bright	$5.75
No. 12051	Brandon pattern, bright finish	6.50
No. 12052	Carolina pattern, bright finish	6.35
No. 12053	John Alden pattern, bright	5.75
No. 12054	Washington pattern, bright	5.95
No. 12055	Chippendale pattern, bright	5.75
No. 12056	New Margaret pattern not made	
No. 12057	Shirley pattern not made	
No. 12058	Martha Washington pattern, bright finish	5.75
No. 12059	Mount Vernon pattern, bright finish, French gray wreath	6.35
No. 12060	Versailles pattern not made	
No. 12061	Devonshire pattern, French gray finish	6.50
No. 12062	Queen Louise pattern, pearl gray finish	5.75
No. 12063	Florentine pattern, pearl gray	5.60
No. 12064	Monticello pattern, French gray finish	5.75
No. 12065	Victoria pattern, French gray	5.75
No. 12066	Edgewood pattern not made	
No. 12067	Meadow rose pattern, French gray finish	5.75
No. 12068	Frontenac pattern not made	
No. 12069	Violet pattern not made.	

BABY SPOON
Gray finish handle
Silver bowl, each $3.75
Gilt bowl, each 3.70
No. 12070
No. 12071

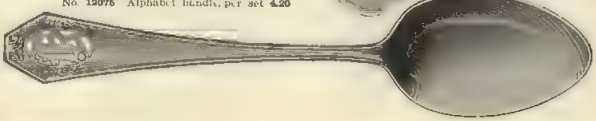


BABY SPOON
Christmas Gray finish handle
Silver bowl, each $4.15
No. 12072

BABY SET
One each straight handle baby fork and spoon, put up in lined box
No. 12073 Plain, pierced handle per set $3.15
No. 12074 Plain, solid handle per set 4.20
No. 12075 Alphabet handle, per set 4.20

BABY SPOON
Tulip Design Gray handle
Silver bowl, each $3.15
Gilt bowl, each 2.70
No. 12076
No. 12077

BABY SPOON
French gray finish handle
Silver bowl, each $3.15
Gilt bowl, each 2.70
No. 12078
No. 12079



INITIAL SPOON
Bright finish, furnished in any initial
No. 12080 Silver bowl, each $2.70

Sugar Tongs, 3/7 size
Butter Knife, 3/7 size
Butter Spreader, 3/7 size
Cream Spoon, 3/7 size
Olive Fork, 3/7 size
Cream Ladle, 3/7 size
Gravy Ladle, 3/7 size
Cold Meat Fork, 3/7 size
Berry Spoon, 3/7 size
Lettuce Fork, 3/7 size
Hollow Handle Cheese Server, 3/7 size
Berry or Lemon Fork, 3/7 size
Hon Bon, 3/7 size
Coffee Spoon, 3/7 size
Individual Salt Spoon, 3/7 size
Oyster Fork, 3/7 size
Pickle Fork, 3/7 size
Olive Spoon, 3/7 size
Individual Salad Fork, 3/7 size
Soup Spoon, 3/7 size
Medium Forks, 3/7 size
Medium Knife, 3/7 size
Individual Salad Fork, 3/7 size
Pie Server, 3/7 size
Medium Forks, 3/7 size

Sterling Silver Flatware

925 1000 Fine

John Alden Pattern—Bright Finish

All Fancy Pieces put up in lined Boxes

Tea Spoon, actual size

For Child and Baby Sets to match see page 370

No.	FORKS	
11191	Beef each	$ 4.80
11192	Cold meat, each....	14.60
11193	Dessert, light wgt. dozen	53.35
11194	Dessert, med. wgt., dozen	57.35
11195	Ice cream doz	56.25
11196	Lob. salad, dozen	66.70
11197	Lemon, each	3.30
11198	Lettuce, each	8.35
11199	Medium, light wgt., dozen	69.90
11200	Medium, med. wgt., Dozen	77.85
11201	Olive, each	4.15
11202	Oyster, dozen	34.40
11203	Pickle, each	6.25
	KNIVES	
11204	Butter, large, each.	9.40
11205	Dessert, HH, doz...	98.70

No.	KNIVES	
11206	Ind. butter, doz. .	$54.15
11207	Medium HH, doz	75.00
	LADLES	
11208	Cream, each	8.35
11209	Gravy, each	11.45
11210	Oyster, each	25.15
11211	Soup, each	41.65
	SPOONS	
11212	Berry, large, each..	16.70
11213	Bouillon, small, doz	44.80
11214	Coffee, small, doz...	16.70
11215	Dessert, light wgt., dozen	53.25
11216	Dessert, med. wgt., dozen	57.35
11217	Iced tea, doz	56.25
11218	Ind. salt, doz.....	13.55
11219	Olive, each	6.25

No.	SPOONS	
11220	Orange, doz. . . .	$58.35
11231	Soup, light wgt., doz.	53.25
11232	Soup, med. wgt, doz.	57.35
11233	Sugar, each	4.15
11234	Table, light wgt., doz.	69.90
11235	Table, med. wgt., doz	77.85
11236	Tea, light wgt., doz	26.25
11237	Tea, med. wgt., doz..	32.35
11238	Tea, heavy wgt., doz.	38.25
	MISCELLANEOUS	
11239	Bon bon, each	5.00
11230	Cheese server, HH, each	4.15
11231	Cucumber server, ea	9.25
11232	Pie server, HH, each	7.30
11233	Sugar tongs, each...	8.35

84 PIECE CHEST

Solid mahogany, velvet lined, brass handles, name plate, corners, pullouts and lock.

CHEST SETS

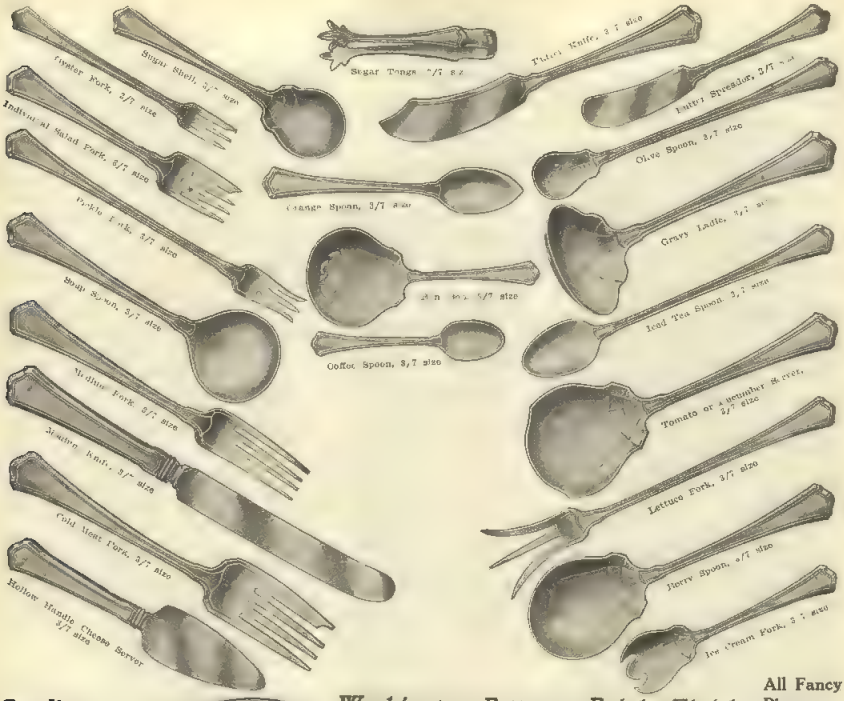
No. **11234** 28 pieces. 6 teaspoons, 6 table spoons, 6 medium forks, all light weight; 6 HH medium knives; 1 butter knife and 1 sugar shell. For description of chest see page 349. Per set.....$134.10

No. **11235** 36 pieces. 12 teaspoons, 6 table spoons 6 medium forks, all light weight, 6 HH medium knives, 1 each butter knife, sugar spoon, sugar tongs, jelly server, cream ladle and gravy ladle. For description of chest see page 350. Per set.....$246.60

No. **11236** 53 pieces. 12 teaspoons, 6 dessert spoons, 6 table spoons, 12 medium forks, all medium weight, 12 HH medium knives, 1 each butter knife, sugar spoon, HH pie servers, cold meat fork, cream ladle, gravy ladle and soup ladle. For description of chest see page 351. Per set.....$417.80

No. **11237** 71 pieces. 18 teaspoons, 12 dessert spoons, 6 table spoons, 12 medium forks, all medium weight, 12 HH medium knives, 1 each butter knife, sugar spoon, berry spoon, HH pie server, cream ladle, gravy ladle, soup ladle, serving salad fork and spoon and serving fish fork and knife. For description of chest see page 352. Per set.....$557.30

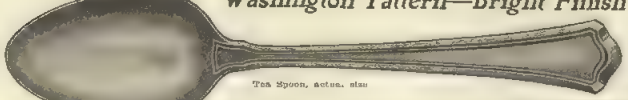
No. **11238** 84 pieces. 12 teaspoons, 12 dessert spoons, 12 table spoons, 12 dessert forks, 12 medium forks, all medium weight, 12 HH dessert knives and 12 HH medium knives. For description of chest see illustration. Per set.....$526.50


Sugar Shell, 3/7 size
Sugar Tongs, 3/7 size
Pastry Knife, 3/7 size
Butter Spreader, 3/7 size
Oyster Fork, 3/7 size
Individual Salad Fork, 3/7 size
Olive Spoon, 3/7 size
Orange Spoon, 3/7 size
Gravy Ladle, 3/7 size
Pickle Fork, 3/7 size
Iced Tea Spoon, 3/7 size
Soup Spoon, 3/7 size
Coffee Spoon, 3/7 size
Tomato or Cucumber Server, 3/7 size
Medium Fork, 3/7 size
Lettuce Fork, 3/7 size
Dessert Knife, 3/7 size
Cold Meat Fork, 3/7 size
Berry Spoon, 3/7 size
Hollow Handle Cheese Server, 3/7 size
Ice Cream Fork, 3/7 size

Sterling Silver Flatware

925 1000 Fine

Washington Pattern—Bright Finish



All Fancy Pieces Put Up in Lined Boxes

For Child and Baby Sets to match see page 370

No.	FORKS	
11239	Cold meat, each	$12.50
11240	Des., ex. wgt., doz	52.55
11241	Des., hvy wgt., doz.	59.50
11242	Ice cream, doz.	45.00
11243	Indv. salad doz.	66.67
11244	Lemon, each	4.17
11245	Lettuce, each	7.75
11246	Med., ex. wgt., doz	66.60
11247	Med. hvy wgt., doz	72.50
11248	Oyster, doz.	36.85
11249	Pickle each	6.30
	KNIVES	
11250	Butter each	8.35
11251	Dessert, HH doz	59.20
11252	Fruit, HH, doz.	50.00
11253	Indv. butter, doz	50.00
11254	Med., HH, doz.	66.60

No.	LADLES	
11255	Cream, each	$ 6.85
11256	Gravy, each	13.60
11257	Mayonnaise, each	4.60
11258	Oyster, each	35.35
11259	Soup, each	46.95
	SPOONS	
11260	Berry each	16.65
11261	Bouill'n, doz	47.10
11262	Coffee, doz	32.90
11263	Des., ex. wgt., doz	52.55
11264	Des. hvy wgt., doz	59.50
11265	Ice cream, doz.	45.00
11266	Iced tea, doz.	60.45
11267	Indv. salt, doz	18.80
11268	Olive, each	3.77
11269	Orange, doz.	50.00
11270	Soup, hvy wgt. doz	60.00

No.	SPOONS	
11271	Sugar, each	5.25
11272	Table, hvy wgt., dozen	72.50
11273	Table, ex. heavy wgt., doz.	77.70
11274	Tea, small, doz.	24.05
11275	Tea, lrd wgt. doz	32.95
11276	Tea, ex. wgt., doz	32.40
11277	Tea hvy wgt., doz.	38.85
	MISCELLANEOUS	
11278	Bon bon, each	5.00
11279	Cheese server, H. H each	4.60
11280	Cucumber server each	6.27
11281	Pie server HH, each	9.00
11282	Sugar tongs, each	4.60

CHEST SETS

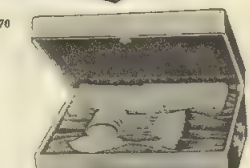
No. 11283 26 pieces. 6 tea spoons, trade wgt., 6 table spoons, heavy wgt., 6 medium forks, extra wgt., 6 HH medium knives, 1 butter knife and 1 sugar spoon. For description of chest see illustration. Per set $142.40

No. 11284 36 pieces. 12 tea spoons, trade wgt., 6 table spoons, heavy wgt., 6 medium forks, extra wgt., 6 HH medium knives, 1 butter knife, 1 sugar spoon, 1 sugar tong, 1 berry spoon, 1 cream ladle and gravy ladle. For description of chest see page 355. Per set $260.20

No. 11285 55 pieces. 12 tea spoons, trade wgt., 6 dessert spoons, extra wgt., 6 table spoons, heavy wgt., 12 table forks, extra wgt., 12 HH medium knives, 1 each butter knife, sugar spoon, HH pie server, cold meat fork, cream ladle, gravy ladle and soup ladle. For description of chest see page 355. Per set $393.90

No. 11286 71 pieces. 18 teaspoons, trade wgt., 12 dessert spoons, extra wgt., 6 table spoons, heavy wgt., 12 table forks, extra wgt., 12 HH medium knives, 1 each butter knife, sugar spoon, berry spoon, HH pie server, cream ladle, gravy ladle, soup ladle, serving salad fork and spoon and serving fish knife and fork. For description of chest see page 357 Per set. $513.60

No. 11287 84 pieces. 12 tea spoons trade wgt., 12 dessert spoons, extra wgt., 12 table spoons, heavy wgt., 12 dessert forks extra wgt., 12 medium forks, extra wgt., 12 HH dessert knives and 12 HH medium knives. For description of chest see page 355 Per set. $478.75



26-PIECE CHEST

Solid oak, golden oak finish, velvet lined, nickel plated handles name plate, pullout and catches, or, hardwood, mahogany finish, brass finished handles, name plate, pullout and catches.

Base Ball Uniforms.

Our Base Ball Uniforms are made from the best materials obtainable in their respective grades and are specially woven for athletic purposes. The most desirable colors have been selected, which, combined with their high standard of workmanship enables us to guarantee satisfaction

Button Front.

Laced Front

Plain Pants.

Quilted Pants.

UNIVERSITY UNIFORM, No. 15B

The Shirt, Pants and Cap of this Uniform are Made of the Finest Quality Safeslide Flannel, All Wool, Full 6 Oz. Weight. Each Suit is Cut and Made from Measurements Furnished (not Cut on Stock Pattern), Carefully Tailored with Best Finish Throughout.

Colors—Yale Gray, Steel Gray, White, Crimson, Green, Navy Blue, Pearl Gray, Steel Gray with Green Stripe, White with Navy Stripe, Yale Gray with Navy Stripe, Steel Gray with Navy Stripe, Navy Blue with White Stripe, Crimson with White Stripe, Pearl Gray with Navy Stripe

Shirt—Any Style.
Pants—Any Style.
Cap—Any Style
Belt—No. 627, Any Style
Stockings—No. 667, Any Color

No. 15B—University Uniform Complete.....$10.00

COLLEGE SPECIAL UNIFORM, No. 15E

A Special Athletic Flannel, Very Popular with College and Semi-Professional Teams. Guaranteed Full 6 Oz., Not All Wool, but Just Enough Cotton to Make it Wash and Wear Even Better

Colors—Yale Gray, Steel Gray, White, Crimson, Green, Navy Blue, Brown, Maroon Yale Gray with Navy Stripe, Steel Gray with Navy Stripe, Yale Gray with Green Stripe, White with Navy Stripe, Crimson with White Stripe, Navy with White Stripe

Shirt—Any Style.
Pants—Any Style
Cap—Any Style
Belt—No. 624, Any Color.
Stockings—No. 665, Any Color

No. 15E—College Special Uniform Complete.....$13 80

MINOR LEAGUE UNIFORM, No. 15D

This Uniform has been supplied in the past to some of the most prominent minor league teams. It has proven to be very popular and satisfactory

Colors—Yale Gray, Steel Gray, White, Crimson, Navy Blue, Brown, Pearl Gray, Steel Gray with Green Stripe, Steel Gray with Royal Blue Stripe, White with Navy Stripe, Bristol Mix with Navy Stripe, Pearl Gray with Navy Stripe, White with Navy Stripe, Yale Gray, Green and Red Stripe, Pearl Gray Purple and Green Stripe

Shirt—Any Style.
Pants—Any Style.
Cap—Any Style
Belt—No. 627, Any Color.
Stockings—No. 665, Any Color.

No. 15D—Minor League Uniform Complete.....$16.00

CLUB SPECIAL UNIFORM, No. 15F

Made of the Same High Grade Material as Our Higher Priced Uniforms, but of Lighter Weight. This is One of Our Most Popular Sellers, and Will Give You Best of Satisfaction.

Colors—Yale Gray, Steel Gray, White, Green, Navy Blue, Brown, Pearl Gray, Steel Gray with Green Stripe Steel Gray with Navy Stripe, White with Navy Stripe, Yale Gray with Green Stripe, Yale Gray with Navy and Purple Stripe, Pearl Gray with Green and Navy Stripe

Shirt—Any Style.
Pants—Any Style.
Cap—Any Style
Belt—No. 624, Any Color
Stockings—No. 665, Any Color.

No. 15F—Club Special Uniform Complete..... $12.00

NOTE—No Extra for Lettering Shirts of Above Uniforms with Name of Club

In Ordering Uniforms Mention:

Style Shirt wanted, whether Button or Lace.
Style Pants wanted whether Plain or Padded, Elastic or Tape Bottom
Style Cap, page 2173
Stockings, Color wanted
Detachable Sleeves 40 cents per pair extra

Samples of Flannel and Special Measurement Blanks Mailed to Clubs and others interested, on application, Free of Charge

These Goods are Made to Order and are SHIPPED FROM FACTORY, F. O. B. CHICAGO.

Base Ball Uniforms.

Our Base Ball Uniforms are made from the best materials obtainable in their respective grades and are specially woven for athletic purposes. The most desirable colors have been selected, which, combined with their high standard of workmanship enables us to guarantee satisfaction

Button Front.

Laced Front.

Plain Pants.

Quilted Pants.

INTERSTATE LEAGUE UNIFORM, No. 15G

Made from the Well Known "Durable" Brand Flannel in the Heavy League Weight (Full 7 Oz.). A Special Value Made up in the Very Best Manner, Tailor Finished and Hand Shrunk, Same as the More Expensive Grades

Colors—Yale Gray, Steel Gray, Brown Gray, White, Navy Blue, Black, Maroon, Pearl Gray with Navy Stripe, Yale Gray with Navy Stripe, Steel Gray with Green Stripe, White with Navy Stripe, Yale Gray with Green Stripe, Yale Gray, Navy and Green Stripe

Shirt—Any Style.
Pants—Any Style.
Cap—Any Style.
Belt—No. 624, Any Color
Stockings—No. 665, Any Color.

No. 15G—Interstate League Uniform Complete.....$11 30

CITY LEAGUE UNIFORM, No. 15K

A Good Grade of Strong Durable Flannel, Full 4½ Oz. A Suit we can Recommend for Wear and Nice Appearance. Every One Cut to Measure and Finished in Correct League Style.

Colors—Steel Gray, Brown Gray, White, Crimson, Green, Steel Gray with Red Stripe, White with Navy Stripe, Steel Gray with Green Stripe, Steel Gray with Purple Stripe, Steel Gray with Navy Stripe.

Shirt—Any Style.
Pants—Any Style.
Cap—Any Style.
Belt—No. 624, Any Color
Stockings—No. 659, Any Standard Color.

No. 15K—City League Uniform Complete.....$8 60

AMATEUR CLUB UNIFORM, No. 15M

An Excellent Wearing, Closely Woven Goods, which we know from Years of Experience Gives the Best of Satisfaction. We Consider it the Best Suit on the Market Today at the Price

Colors—Blue Gray, Steel Gray, Brown Gray, White, Crimson, Green, Navy, Khaki Steel Gray with Navy Stripe, Brown Gray with Navy Stripe, Steel Gray with Green Stripe

Shirt—Any Style.
Pants—Any Style.
Cap—Philadelphia Style.
Belt—No. 623, Any Standard Color
Stockings—No. 659, Any Standard Color

No. 15M—Uniform Complete.....$6 30

SPECIAL LEADER UNIFORM, No. 15H

The Best Value Ever Offered in a Base Ball Suit. A Heavy Weight Athletic Flannel, Made to Order with the Same Attention to Details as the More Expensive Grades

Colors—Yale Gray, Steel Gray, White, Navy Blue, Pearl Gray, Maroon, Black, Green, Brown, Yale Gray with Navy Stripe, Steel Gray with Green Stripe, Steel Gray with Navy Stripe, White with Navy Stripe, Yale Gray with Purple Stripe, Navy Blue with White Stripe, Steel Gray with Green Stripe

Shirt—Any Style.
Pants—Any Style.
Cap—Any Style.
Belt—No. 624, Any Color
Stockings—No. 659, Any Standard Color.

No. 15H—Special Leader Uniform Complete.....$10.70

HIGH SCHOOL UNIFORM, No. 15L

Our Most Popular Young Men's and Youth's Suit. An Unusually Durable Grade of Flannel, which we Highly Recommend for Service. Made to Order in Big League Style

Colors—Steel Gray, White, Green, Navy Blue, Black, Brown, Pearl Gray, Maroon, White with Black Stripe, Steel Gray with Green Stripe, Yale Gray with Navy Stripe, Navy Blue with White Stripe, Pearl Gray with Navy Stripe

Shirt—Any Style.
Pants—Any Style.
Cap—Philadelphia Style.
Belt—No. 623, Any Standard Color.
Stockings—No. 659, Any Standard Color

No. 15L—High School Uniform Complete.....$7 50

JUNIOR UNIFORM, No. 15R

This Grade is Made to Order in all Sizes, but we Recommend it More for Boys and Youths than the Very Hard Use the Big Fellows Would Give It.

Colors—Yale Gray, Blue Gray, Steel Gray, Brown Gray, White, Crimson, Royal Blue, Green, Navy, Black, Yale Gray with Navy Stripe, White with Navy Stripe, Navy with White Stripe

Shirt—Any Style.
Pants—Any Style.
Cap—Philadelphia Style.
Belt—No. 622, Any Standard Color
Stockings—No. 658, Any Standard Color

No. 15R—Junior Uniform Complete.....$5 10

NOTE—No Extra Charge for Lettering Shirts with Name of Club except No. 12R Uniform, with which only 2 Letters are included.

In Ordering Uniforms, Mention:

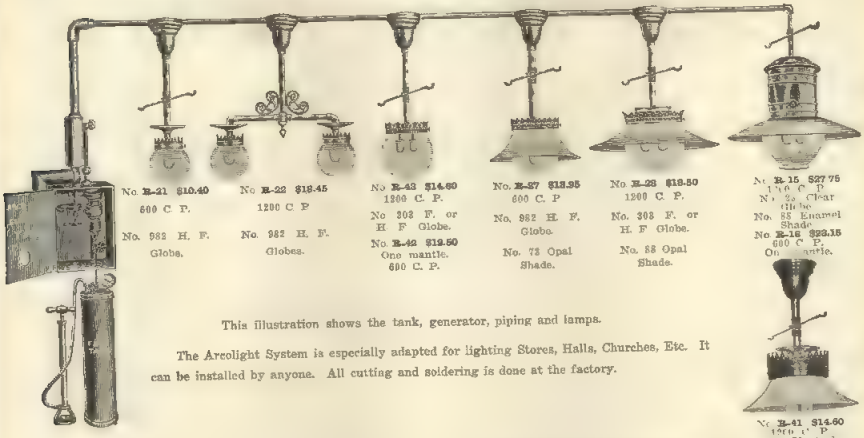
Style Shirt wanted, whether Button or Lace.
Style Pants wanted, whether Plain or Padded, Elastic or Tape Bottom.
Style Cap, page 2173
Stockings, Color wanted.
Detachable Sleeves 40 cents per pair extra.

Samples of Flannels and Special Measurment Blanks Mailed to Clubs and others interested, on application, Free of Charge.

These Goods are Made to Order and are SHIPPED FROM FACTORY, F. O. B. CHICAGO.

MAKE YOUR OWN GAS WITH

A "YALE" ARCOLIGHT TUBE SYSTEM



No. R-21 $10.40
600 C. P.
No. 982 H. F. Globs.

No. R-22 $12.45
1200 C. P
No. 982 H. F. Globes.

No. R-42 $14.60
1200 C. P.
No. 302 F. or H. F. Globe.
No. R-42 $12.50
One mantle.
600 C. P.

No. R-27 $12.95
600 C. P
No. 982 H. F. Globe.
No. 73 Opal Shade.

No. R-28 $13.50
1200 C. P.
No. 303 F. or H. F Globe.
No. 88 Opal Shade.

No. R-15 $27.75
1200 C. P.
No. 25 Clear Globe
No. 88 Enamel Shade
No. R-16 $22.15
600 C. P.
One mantle.

No. R-41 $14.60
1200 C. P.
No. 73 Opal Shade
No. R-40 $12.50
One mantle
600 C. P.

This illustration shows the tank, generator, piping and lamps.

The Arcolight System is especially adapted for lighting Stores, Halls, Churches, Etc. It can be installed by anyone. All cutting and soldering is done at the factory.

HOW TO ORDER OR OBTAIN AN ESTIMATE

The generator should be located in a convenient place, preferably in a back room. The tank may be placed out of doors or on the rear porch. It is connected to the generator by a length of ⅛ inch flexible Hollow Copper Wire Tubing The conductor pipe is measured from the top of the generator to first elbow, tee, or cross, then to the various connections, 1 pair of couplings is necessary for each 10 feet or less of pipe, 1 pair for each elbow, 1½ pair for each tee and two pairs for each cross. Diagram of space to be lighted should accompany order. Distance between lamps and height of ceiling must be shown. Unless otherwise specified, we supply 2 foot fixtures (from ceiling to bottom of lamp). For cost per foot of additional drop tubing see list below.

NOTE THE SIMPLICITY OF THE GENERATOR

The Arcolight Generator has fewer parts than any machine on the market, to this and its design and expert workmanship, we attribute its perfect operation We are constantly selling them to parties who have purchased systems with unsatisfactory generators. In the Arcolight Systems we use only the highest quality of expansion tested brass. the experience of the most skilled mechanics; and add to that a special test of your system before we ship it to you We then know that everything is perfect and that you can have no difficulty with it either at the time you receive your plant or afterward. The Arcolight Tube Systems have a well earned reputation for satisfactory service and are fully guaranteed

PRICES OF GENERATORS, PIPE, TANKS, SUPPLIES, ETC.

Style "A" Arcolight Generators, 1 to 6 mantles, each	$31.25
Style "B" Arcolight Generators, 6 to 12 mantles each	41.65
Style "C" Arcolight Generators, 12 to 18 mantles, each	52.10
Piping, 2 in or 1½ in., per foot	.30
Couplings, 2 in. or 1½ in., pair	1.15
Elbows, 2 in. or 1½ in., each	.70
Tees, 2 in. or 1½ in., each	1.15
Crosses or Angles, 2 in or 1½ in., each	2.10
Drop Tubing ⅜ in., per foot	.70
Couplings for above, each	.70
Dimmer Valve for any tube system, each	12.50
3-gallon Tank with Pump complete, each	19.65
5-gallon Tank with Pump complete, each	23.15
10-gallon Tank with Pump complete, each	27.45
1¼x20 Steel Barrel Pumps, each	2.60
1¼x20 Brass Barrel Pumps, each	5.75

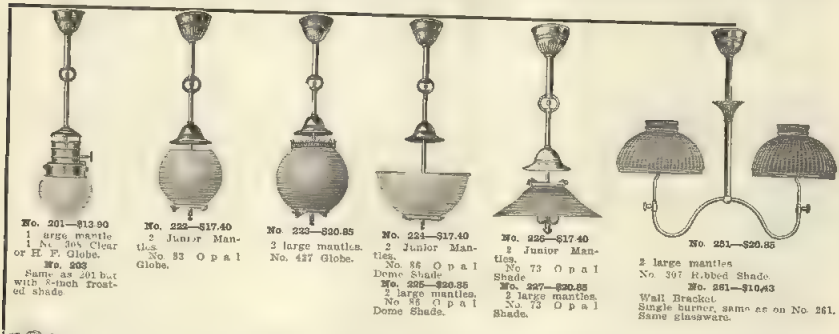
PRICES OF GLOBES, SHADES AND MANTLES

No. 982	Frosted or Half Frosted Globes, each	$0.85	per doz.	$ 8.65
No. 982	Clear Globes, each	.85	per doz.	8.65
No. 982	Opal Globes, each	1.40	per doz	13.95
No. 303	Clear or Half Frosted Globes, each	3.12	per doz.	31.15
No. 303	Opal Globes, each	3.47	per doz.	34.65
No. 25	Clear Globes, each	2.75	per doz	27.75
No. 25	Opal Globes, each	3.45	per doz.	34.75
No. 73	6x14 Opal Dome Shade, each	2.10	per doz	20.85
No. 88	8x16 Opal Dome Shade, each	4.15	per doz.	41.65
No. 22	3½ in. Marvelite Rag Mantles.		per doz	3.50

The "Yale" Hollow Wire Gasoline Lighting System Makes and Burns Its Own Gas

1863 1916

Each Burner Will Produce From 300 to 600 Candle Power Light at a Cost of Less Than ⅓ of a Cent Per Hour



No. 201—$13.90
1 large mantle
1 No. 305 Clear or H. P. Globe.
No. 203
Same as 201 but with 8-inch frosted shade

No. 222—$17.40
2 Junior Mantles.
No 83 Opal Globe.

No. 223—$20.85
2 large mantles.
No. 427 Globe.

No. 224—$17.40
2 Junior Mantles.
No. 86 Opal Dome Shade
No. 225—$20.85
2 large mantles.
No 86 Opal Dome Shade.

No. 226—$17.40
2 Junior Mantles.
No 73 Opal Shade
No. 227—$20.85
2 large mantles.
No 73 Opal Shade.

No. 251—$20.85
2 large mantles
No. 397 Ribbed Shade
No. 261—$10.43
Wall Bracket.
Single burner, same as on No. 261. Same glassware.

Especially Adapted For Lighting Stores, Halls, Churches, Etc., and in Fact Any Place Where A Good, Durable, Economical and Efficient Light is Wanted

Fully Guaranteed For 5 Years

Any number of lamps may be operated on the same system. We show herewith the method of installing a hollow wire system. The tank is located in a convenient place (preferably in a back room) and it is connected to the various lamps by means of a flexible ⅛-inch hollow wire with taper and nut screw connections on each end. The cutting, soldering and fitting is done by us in our own factory free of charge. Diagram of space to be lighted showing location of lamps, distance between each and height of ceiling should accompany order.

Note the simple construction of the lamps. There are fewer parts than in any other satisfactory lamp made. The system lamps are all fitted with the special automatic tip cleaner and valve to operate from the floor. The shade or globe holders are adjustable and will hold globes or shades with fitters ranging from 3¼ inches to 6 inches, enabling you to use any standard size glassware. Lamps Nos 251 and 261 use the single mantle portable burners which everyone is familiar with, also universal shade holders.

Glassware and Mantles

No. 303	Globe, Opal 5-inch, fitter 7-inch diameter	Each	$1.05	Dozen $10.50
No. 311	Shade, Frosted 5-inch fitter, 9½-inch diameter crystal fringe	Each	2.15	
No. 311	Shade, Etched 5-inch fitter, 9½-inch diameter crystal fringe	Each	3.50	
No. 83	Globe, Opal or Clear, 4-inch fitter, 7½-inch diameter	Each	1.60	Dozen 16.85
No. 427	Clear or Frosted, 4½-inch fitter, 9-inch diameter	Each	2.10	
No. 73	Shade, Opal, 6-inch fitter, 14-inch diameter	Each	2.10	
No. 307	Shade, Opal, 3¾-inch top opening, 10-inch diameter	Each	3.50	Dozen 34.75
No. 23	3½-inch Marvelite Rag Mantles			Dozen 3.50

Tanks and Pumps

3 Gallon Tank with Pump complete, each	$19.70
5 Gallon Tank with Pump complete, each	23.20
10 Gallon Tank with Pump complete, each	27.35
1¼ x 20 Steel Barrel Pumps, each	2.60
1½ x 30 Brass Barrel Pumps, each	5.80

Hollow Wire and Connections

No. 2	Hollow Wire Tubing, per foot	.13
No. 11	Tapers and Nuts, per set	.25
No. 3	Straight Connections, without Tapers or Nuts	.25
No. 9	Tee Connections, without Tapers or Nuts	.45
No. 12	Cross Connections, without Tapers or Nuts	.55

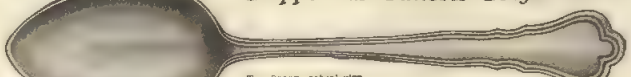
Butter Spreader, 3/7 size
Sugar Shell, 3/7 size
Sugar Tongs, 3/7 size
Pickle Fork, 3/7 size
Oyster Fork, 3/7 size
Cold Meat Fork, 3/7 size
Individual Salad Fork, 3/7 size
Olive Spoon, 3/7 size
Orange Spoon, 3/7 size
Iced Tea Spoon, 3/7 size
Cheese Server, 3/7 size
Medium Knife, 3/7 size
Berry or Lemon Fork, 3/7 size
Medium Fork, 3/7 size
Hollow Handle Pie Server, 3/7 size
Berry Spoon, 3/7 size
Serving Salad Spoon, 3/7 size
Serving Salad Fork, 3/7 size
Cream Ladle, 3/7 size
Individual Salt Spoon, 3/7 size
Gravy Ladle, 3/7 size
Coffee Spoon, 3/7 size

Sterling Silver Flatware

925/1000 Fine

Chippendale Pattern—Bright Finish

All Fancy Pieces put up in Lined Boxes



Tea Spoon, actual size

FOR CHILD AND BABY SETS TO MATCH SEE PAGE 370

36 PIECE CHEST

Solid mahogany, velvet lined, brass handles, name plate, corners, pull outs and lock

No.	FORKS	
11288	Beef, each	$ 4.15
11289	Cold meat, each	11.45
11290	Dessert, light wgt., each	15.15
11291	Dessert, med. wgt., dozen	54.75
11292	Ice cream, dozen	41.70
11293	Indv. salad, dozen	56.25
11294	Lemon, each	3.15
11295	Lettuce, each	5.85
11296	Medium light wgt., dozen	86.10
11297	Medium med wgt. dozen	97.70
11298	Oyster dozen	31.25
11299	Pickle, each	3.15
11300	Serving salad, each	14.60
	KNIVES	
11301	Butter, each	5.00
11302	Dessert HH, dozen	62.50
11303	Indv butter dozen	$53.17
11304	Medium Lt. dozen	68.75
	LADLES	
11305	Cream, each	8.25
11306	Gravy, each	12.50
11307	Oyster, each	23.15
11308	Soup, each	37.50
	SPOONS	
11309	Berry, each	13.15
11310	Bouillon, dozen	34.40
11311	Coffee, dozen	16.70
11312	Dessert, light wgt., dozen	46.15
11313	Dessert, med. wgt., dozen	54.75
11314	Iced tea, dozen	41.70
11315	Indv. salt, dozen	10.45
11316	Olive, each	4.15
11317	Orange dozen	$41.70
11318	Serving salad, each	14.60
11319	Soup, med wgt. doz	45.15
11320	Soup, med wgt., doz	54.75
11321	Sugar, each	3.75
11322	Table, light wgt., doz	93.10
11323	Table, med. wgt., doz	97.70
11324	Tea, light wgt., doz.	25.90
11325	Tea, med wgt., doz.	32.30
11326	Tea, heavy wgt., doz.	38.65
	MISCELLANEOUS	
11327	Bon bon, each	2.75
11328	Cheese server, each	4.20
11329	Cucumber server, ea.	7.30
11330	Pie server HH, each	7.30
11331	Sugar tongs, each	7.30

CHEST SETS

No. **11332** 26 pieces 6 tea spoons, 6 table spoons, 6 medium forks all light weight, 6 HH medium knives, 1 butter knife and 1 sugar shell For description of chest see page 354. Per set $127.20

No. **11333** 36 pieces 12 tea spoons, 6 table spoons, 6 medium forks all light weight, 6 HH medium knives, 1 each butter knife, sugar spoon, sugar tong, jelly server cream ladle and gravy ladle For description of chest see illustration Per set ..... [illegible].50

No. **11334** 56 pieces, 12 tea spoons, 6 dessert spoons, 6 table spoons, 12 medium forks all medium weight, 12 HH medium knives, 1 each butter knife sugar spoon, HH pie server, cold meat fork, cream ladle, gravy ladle and soup ladle. For description of chest see page 356. Per set $383.25

No. **11335** 71 pieces. 18 tea spoons, 12 dessert spoons, 6 table spoons, 12 medium forks all medium weight, 12 HH medium knives, 1 each butter knife, sugar spoon, berry spoon, cream ladle, gravy ladle, soup ladle, HH pie server, serving salad fork and spoon and serving fish knife and fork. For description of chest see page 357. Per set. $510.75

No. **11336** 84 pieces. 12 tea spoons, 12 dessert spoons, 12 table spoons, 12 dessert forks, 12 medium forks all medium weight, 12 HH dessert knives, 12 HH medium knives. For description of chest see page 358. Per set $420.80

Sugar Shell, 3/7 size
Orange Spoon, 3/7 size
Pickle Fork, 3/7 size
Individual Butter Spreader, 3/7 size
Sugar Tongs, 3/7 size
Individual Salad Fork, 3/7 size
Butter Knife, 3/7 size
Oyster Fork, 3/7 size
Cucumber Server, 3/7 size
Olive Spoon, 3/7 size
Gravy Ladle, 3/7 size
Sardine Fork, 3/7 size
Soup Spoon, 3/7 size
Berry Spoon, 3/7 size
Berry or Lemon Fork, 3/7 size
Iced Tea Spoon 3/7 size
Individual Salt Spoon, 3/7 size
Iced Meat Fork 3/7 size
Medium Knife, 3/7 size
Lettuce Fork, 3/7 size
Hollow Handle Ice Server
Ice Cream Fork, 3/7 size
Bon Bon, 3/7 size
Tea Spoon Actual size

Sterling Silver Flatware

925/1000 Fine

New Margaret Pattern—Bright Finish

All Fancy Pieces Put Up in Lined Boxes

FOR CHILD AND BABY SETS TO MATCH SEE PAGE 370.

No.	FORKS	
11327	Cold meat, each	$13.00
11328	Ice cream, doz.	51.05
11339	Dessert, doz.	64.50
11340	Ice cream, doz.	43.35
11341	Indv. salad, dozen	58.50
11342	Lemon or berry, ea.	3.05
11343	Lettuce, each	8.26
11344	Medium, each	67.40
11348	Medium, doz.	80.90
11346	Oyster, dozen	30.35
11347	Pickle, each	4.35
11348	Sardine, each	6.50
	KNIVES	
11349	Butter, each	6.50
11350	Dessert, H. H., doz.	82.35
11351	Fruit, H. H., dozen	52.00

No.	KNIVES	
11352	Indv. butter, dozen	$42.35
11353	Medium, H. H., dozen	71.50
	LADLES	
11354	Cream, each	6.50
11355	Gravy, each	10.85
11356	Mayonnaise, each	4.35
11357	Oyster, each	24.90
	SPOONS	
11358	Berry, each	16.25
11359	Bouillon, dozen	39.00
11360	Coffee, dozen	19.50
11361	Dessert, med. wgt., dozen	51.05
11362	Dessert, hvy. wgt., dozen	64.50
11363	Ice cream, dozen	43.35
11364	Iced tea, dozen	49.85
11365	Indv. salt, dozen	10.40

No.	SPOONS	
11366	Olive, each	$ 3.90
11367	Orange spoons, doz.	45.50
11368	Soup, med. wgt., doz.	51.05
11369	Sugar, each	4.75
11370	Table, med. wgt., doz.	67.40
11371	Table, hvy. wgt., doz.	80.90
11372	Tea, trade wgt., doz.	30.20
11373	Tea, med. wgt., dozen	36.90
11374	Tea, hvy. wgt., dozen	43.70
11375	Tea ex. hvy. wgt., dozen	40.45
	MISCELLANEOUS	
11376	Bon bon, each	4.35
11377	Cheese server, H. H., each	4.35
11378	Cucumber server, ea.	9.75
11379	Pie server, H. H., ea.	8.65
11380	Sugar tongs, each	6.95

CHEST SETS

No. **11381** 26 pieces, 6 tea spoons, 6 table spoons, 6 medium forks, all medium weight, 6 H. H. medium knives, 1 butter knife and 1 sugar spoon. For description of chest see page 354. Per set $140.70

No. **11382** 49 pieces, 12 tea spoons, 6 table spoons, 6 medium forks all medium weight, 6 H. H. medium knives, 1 each butter knife, sugar spoon, sugar tongs, berry spoon, cream ladle and gravy ladle. For description of chest see page 354. Per set $247.95

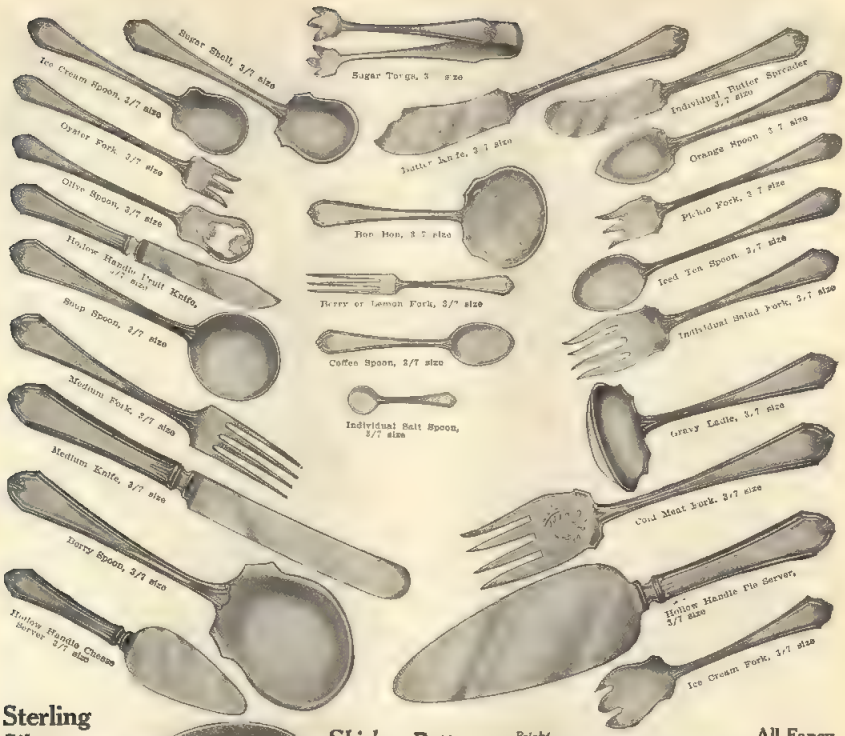
No. **11383** 55 pieces, 12 tea spoons, 6 dessert spoons, 6 table spoons, 12 medium forks all medium weight, 6 H. H. medium knives, 1 each butter knife sugar spoon, H. H. pie server, cold meat fork, cream ladle, gravy ladle and oyster ladle. For description of chest see illustration. Per set $369.90

No. **11384** 77 pieces, 18 tea spoons, dessert spoons, 6 table spoons, 2 medium forks all medium weight, 12 H. H. medium knives, 1 each butter knife, sugar spoon, berry spoon, H. H. pie server, cream ladle, gravy ladle, serving salad fork and spoon and serving fish knife and fork. For description of chest see page 357. Per set $495.07

No. **11385** 84 pieces, 12 tea spoons, 12 dessert spoons, 12 table spoons, 12 dessert forks, 12 medium forks all medium weight, 12 H. H. dessert knives and 12 H. H. medium knives. For description of chest see page 358. Per set $480.70

55 PIECE CHEST

Solid mahogany, velvet lined, brass handles, name plate, corners, pull outs and lock.


Sugar Shell, 3/7 size
Ice Cream Spoon, 3/7 size
Oyster Fork, 3/7 size
Olive Spoon, 3/7 size
Hollow Handle Fruit Knife, 3/7 size
Soup Spoon, 3/7 size
Medium Fork, 3/7 size
Medium Knife, 3/7 size
Berry Spoon, 3/7 size
Hollow Handle Cheese Server, 3/7 size
Sugar Tongs, 3/7 size
Butter Knife, 3/7 size
Bon Bon, 3/7 size
Berry or Lemon Fork, 3/7 size
Coffee Spoon, 2/7 size
Individual Salt Spoon, 3/7 size
Individual Butter Spreader 3/7 size
Orange Spoon 3/7 size
Pickle Fork, 3/7 size
Iced Tea Spoon, 3/7 size
Individual Salad Fork, 3/7 size
Gravy Ladle, 3/7 size
Cold Meat Fork, 3/7 size
Hollow Handle Pie Server, 3/7 size
Ice Cream Fork, 3/7 size

Sterling Silver Flatware

925/1000 Fine

Shirley Pattern—*Bright Finish*

Tea Spoon, actual size

All Fancy Pieces Put Up in Lined Boxes

For Child and Baby Sets to Match, See Page 370.

71-PIECE CHEST

Solid mahogany, velvet lined. Brass handles, name plate, corners, pullouts and lock.

No.	FORKS	
11386	Cold meat, each	$13.00
11387	Dessert, med. wgt., dozen	51.05
11388	Dessert, hvy. wgt., dozen	60.70
11389	Ice cream, dozen	56.35
11390	Indv. salad, dozen	65.00
11391	Lemon or berry, each	3.04
11392	Lettuce, each	8.25
11393	Medium, med. wgt., dozen	67.40
11394	Medium hvy. wgt.	80.90
11395	Oysters, dozen	30.35
11396	Pickle, each	6.50
11397	Sardine, each	6.50
	KNIVES	
11398	Butter, each	6.50
11399	Dessert HH, doz.	65.00
11400	Fruit HH, doz.	36.00

No.	KNIVES	
11401	Indv. butter, dozen	$43.35
11402	Medium HH, dozen	73.70
	LADLES	
11403	Cream, each	6.50
11404	Gravy, each	13.00
11405	Mayonnaise, each	4.55
11406	Oyster, each	26.00
11407	Soup, each	39.00
	SPOONS	
11408	Berry, each	16.25
11409	Bouillon, dozen	41.15
11410	Coffee, dozen	19.50
11411	Dessert, med. wgt. dozen	51.05
11412	Dessert, hvy. wgt. dozen	60.70
11413	Ice Cream, dozen	56.35
11414	Iced tea, dozen	43.85

No.	SPOONS	
11415	Indv. salt, dozen	$10.40
11416	Olive, each	3.90
11417	Orange, dozen	47.65
11418	Soup, med. wgt., doz.	60.65
11419	Sugar, each	4.78
11420	Table, med. wgt., doz.	67.40
11421	Table hvy. wgt., doz.	80.90
11422	Tea, trade wgt., doz.	30.30
11423	Tea, med. wgt. doz.	26.90
11424	Tea, hvy. wgt., doz.	32.70
	MISCELLANEOUS	
11425	Bon bon, each	5.00
11426	Cheese server, HH, each	4.35
11427	Cucumber server ea.	9.75
11428	Pie server, HH, each	8.65
11429	Sugar tongs, each	3.25

CHEST SETS

No. **11430** 26 pieces, 6 tea spoons, 6 table spoons, 6 medium forks all medium wgt., 6 HH medium knives, 1 butter knife and 1 sugar spoon. For description of chest see page 354. Per set $131.80

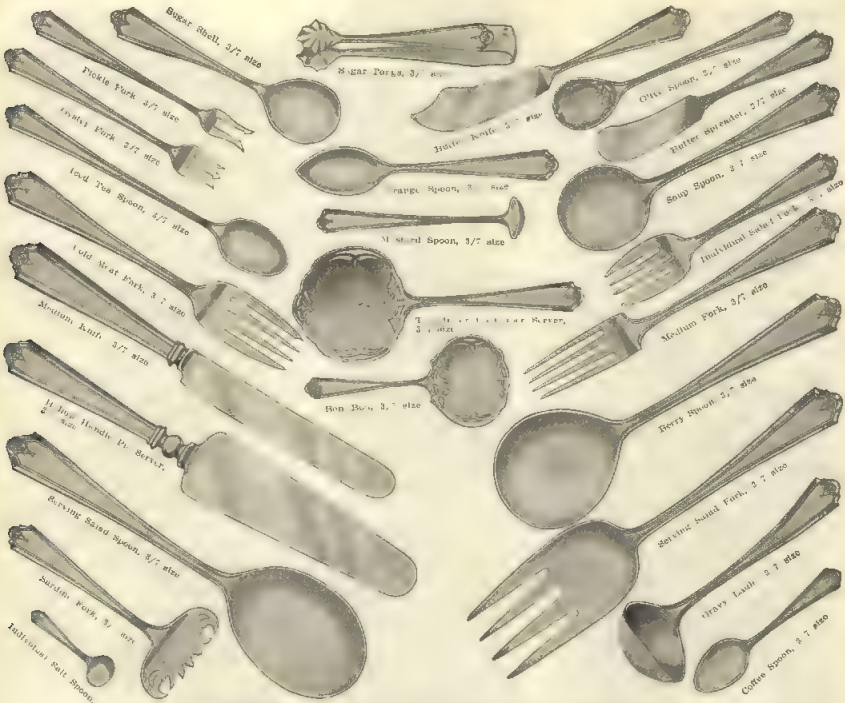
No. **11431** 36 pieces, 12 tea spoons, 6 table spoons, 6 medium forks, all medium wgt., 6 HH medium knives, 1 each butter knife, sugar spoon, sugar tong, berry spoon, cream ladle and gravy ladle. For description of chest see page 355. Per set $201.07

No. **11432** 53 pieces. 12 tea spoons, 6 dessert spoons, 6 table spoons, 12 medium forks all medium wgt., 12 HH medium knives, 1 each butter knife, sugar spoon HH pie server, cold meat fork, cream ladle, gravy ladle and soup ladle. For description of chest see page 356. Per set $321.57

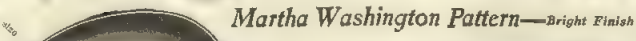
No. **11433** 71 pieces. 12 teaspoons, 12 dessert spoons, 6 table spoons, 12 medium forks all medium wgt., 12 HH medium knives, 1 each butter knife, sugar spoon, berry spoon, HH pie server, cream ladle, gravy ladle, soup ladle, serving spoon, fork and spoon and serving fish knife and fork. For description of chest see Pattern Section. Per set $388.90

No. **11434** 81 pieces, 12 tea spoons, 12 dessert spoons, 12 table spoons, 12 dessert forks, 12 medium forks all medium wgt., 12 HH dessert knives, 12 HH medium knives. For description of chest see page 355. Per set $517.70

$485.90


Sugar Shell, 3/7 size
Pickle Fork 3/7 size
Iced Tea Spoon, 3/7 size
Cold Meat Fork, 3/7 size
Medium Knife, 3/7 size
Pie Server, 3/7 size
Serving Salad Spoon, 3/7 size
Sardine Fork, 3/7 size
Individual Salt Spoon, 3/7 size
Sugar Forks, 3/7 size
Butter Knife, 3/7 size
Sugar Spoon, 3/7 size
Mustard Spoon, 3/7 size
Tomato or Cake Server, 3/7 size
Bon Bon, 3/7 size
Olive Spoon, 3/7 size
Butter Spreader, 3/7 size
Soup Spoon, 3/7 size
Individual Salad Fork, 3/7 size
Medium Fork, 3/7 size
Berry Spoon, 3/7 size
Serving Salad Fork, 3/7 size
Gravy Ladle, 3/7 size
Coffee Spoon, 3/7 size

Martha Washington Pattern—*Bright Finish*



Sterling Silver Flatware

925/1000 Fine

All Fancy Pieces Put up in lined Boxes

For Child and Baby Sets to match see page 370

No.	FORKS	
11435	Cold meat, each	$14.60
11436	Dessert, med. wgt., dozen	57.35
11437	Dessert, hvy. wgt., dozen	70.30
11438	Indv. salad, doz.	66.70
11439	Lemon, each	3.25
11440	Lettuce, each	8.35
11441	Medium, med. wgt., dozen	77.70
11442	Medium, hvy. wgt., dozen	85.85
11443	Oyster, dozen	34.40
11444	Pickle, each	6.25
11445	Sardine, each	5.25
11446	Serving, salad, each	15.65
	KNIVES	
11447	Butter, each	8.40
11448	Dessert HH, dozen	66.70
11449	Indv. butter, dozen	$64.15
11450	Medium HH, dozen	78.00
	LADLES	
11451	Cream, each	5.25
11452	Gravy, each	13.45
11453	Oyster, each	23.15
11454	Soup, each	41.70
	SPOONS	
11455	Berry, each	14.00
11456	Bouillon, dozen	44.80
11457	Coffee, dozen	18.70
11458	Dessert, med. wgt., dozen	57.35
11459	Dessert, hvy. wgt., dozen	70.30
11460	Iced Tea, dozen	56.25
11461	Indv. salt, dozen	10.45
11462	Mustard, each	3.55
11463	Olive, each	$ 3.25
11464	Orange, dozen	58.35
11465	Serving, salad, each	15.65
11466	Soup, med. wgt., doz.	57.65
11467	Soup, hvy. wgt., doz	63.80
11468	Sugar, each	4.15
11469	Table, med. wgt., doz	77.70
11470	Table, hvy. wgt., doz.	85.65
11471	Tea, light wgt., doz	36.25
11472	Tea, med. wgt., doz	32.35
11473	Tea, hvy. wgt., doz.	38.85
	MISCELLANEOUS	
11474	Bon bon, each	5.00
11475	Cheese server, HH, each	4.15
11476	Cucumber server, each	9.40
11477	Pie server HH, each	8.35
11478	Sugar tongs, each	9.40

CHEST SETS

No. 11479 26 pieces. 6 tea spoons, 6 table spoons, 6 medium forks all medium wgt., 6 HH medium knives, 1 butter knife and 1 sugar shell. For description of chest see page 354. Per set $161.80

No. 11480 36 pieces. 12 tea spoons, 6 medium forks all medium wgt. 6 HH medium knives, 1 each butter knife sugar spoon, sugar tong, jelly server, cream ladle and gravy ladle. For description of chest see page 355. Per set. $264.50

No. 11481 55 pieces. 12 tea spoons, 6 dessert spoons, 6 table spoons, 12 medium forks all medium weight, 12 HH med. knives, 1 each butter knife, sugar spoon, HH pie server, cold meat fork, cream ladle, gravy ladle and soup ladle. For description of chest see page 356. Pe set $427.30

No. 11482 71 pieces. 18 tea spoons, 12 dessert spoons, 6 table spoons, 12 medium forks all medium weight, 12 HH medium knives, 1 each butter knife, sugar spoon, berry spoon, HH pie server, cream ladle, gravy ladle, soup ladle, serving salad fork and spoon and serving fish knife and fork. For description of chest see page 357. Per set. $558.15

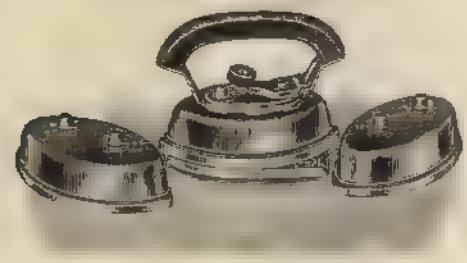
No. 11483 84 pieces. 12 tea spoons, 12 dessert spoons, 12 table spoons, 12 dessert forks, 12 medium forks all medium weight. 12 HH dessert knives and 12 HH medium knives. For description of chest see illustration. Per set $526.60

34 PIECE CHEST

Solid mahogany, velvet lined, brass handles, name plate, corners, pull outs and lock.

SAD IRONS

UNIVERSAL THERMO-CELL



Heavily Nickel Plated.

Per Set

No. 123—Set Consists of One Each 4½, 5 and 6 Lb. Double Pointed Irons, Complete with Self-Locking Springless Handle and Stand, Weight Per Case 105 Lbs. ..... $....

The Thermo-Cell is a dead air chamber surrounding the top surface of the iron, and is insulated preventing the radiation of heat. The handle has no spring, but is instantaneous in action and absolutely secure.

One Set in a Wooden Box; Six in a Case

MRS. POTTS

Nickel Plated.

Per Set

No. E50—Set Consists of Three Double Pointed Irons, No. 1 with One Turned Up Edge for Polishing, Weight 4 Lbs.; No 2 for General Use, Weight 5⅛ Lbs.; No. 3 for Heavy Work, Weight 5⅝ Lbs.; Complete with "Enterprise" Handle and Stand, Weight Per Set 15 Lbs. ..... $....

Six Sets in a Case.

ASBESTOS LINED LAUNDRY

Note—Weights Given on Cores are with Hood Attached.

Nickel Plated Cores and Asbestos Lined Hood with Improved Wedge Lock, Black Enameled Wood Handle.

Per Set

No. 100—Set Consists of Two 6 Lb. Oval Cores, and One 7 Lb. Square Heel Polishing Core with 3¼x6½ in Faces, Nickel Plated Asbestos Lined Hood with Enameled Wood Handle and Improved Wedge Lock and a 6x6 in. Asbestos Covered Stand ..... $....

Weight Per Set 18 Pounds; Weight Per Case 55 Pounds

One Set in a Cardboard Box; Three Boxes in a Case

Nickel Plated Cores and Asbestos Lined Hood with Improved Wedge Lock, Black Enameled Wood Handle.

Per Set

No. 70—Set Consists of Three 6 Lb. Oval Cores, with 3¼x6½ in Faces, Nickel Plated Asbestos Lined Hood with Enameled Wood Handle and Improved Wedge Lock and a 6x6 in. Asbestos Covered Stand ..... $....

Weight Per Set 16 Pounds; Weight Per Case 49 Pounds.

One Set in a Cardboard Box, Three Boxes in a Case.

DOVER LAUNDRY

Note—Weights Given on Cores are with Hood Attached.

Bottom of Cores Nickel Plated, Tops of Cores Aluminized, Nickel Plated Hood with Lock, Black Enameled Wood Handle.

Per Set

No. 90—Set Consists of Three 5 Lb Oval Cores, with 3½x6½ in. Faces, Nickel Plated Hood with Enameled Wood Handle and Lock and a 6x6 in. Asbestos Covered Stand ..... $....

Weight Per Set 16 Pounds; Weight Per Case 50 Pounds.

One Set in a Cardboard Box; Three Boxes in a Case.

Bottom of Cores Bright Polished, Tops of Cores Aluminized, Nickel Plated Hood with Lock, Black Enameled Wood Handle.

Per Set

No. 60—Set Consists of Three 5 Lb. Oval Cores, with 3⅝x6⅝ in. Faces, Nickel Plated Hood with Enameled Wood Handle and Lock and a 6x6 in. Asbestos Covered Stand ..... $....

Weight Per Set 14½ Pounds; Weight Per Case 46 Pounds.

One Set in a Cardboard Box; Three Boxes in a Case.

SAD IRONS

FLOUNCE

Nickel Plated, Asbestos Lined Hood.

Per Dozen

No. 50—One Goose-Bill Core, with 2½x6¾ in. Face, One Asbestos Lined Hood with Handle and Lock, Complete with 6x6 in. Asbestos Covered Steel Stand .....$....

Weight Each 4 Pounds; Weight Per Case 28 Pounds.

One in a Cardboard Box; Six Boxes in a Case.

SLEEVE

Nickel Plated, Asbestos Lined Hood.

Per Dozen

No. 40—One Oval Core, with 2¼x4¾ in. Face. One Asbestos Lined Hood with Handle and Lock, Complete with an Asbestos Covered Oval Steel Stand $ ..

Weight Each 2½ Pounds, Weight Per Case 33 Pounds.

One in a Cardboard Box, One Dozen Boxes in a Case.

TOURIST

Nickel Plated, Asbestos Lined Hood.

Per Dozen

No. 10—One Oval Core, with 1⅞x4¼ in. Face, One Asbestos Lined Hood with Handle and Lock, Complete with Oval Steel Stand .....$....

Weight Each 1½ Pounds; Weight Per Case 18 Pounds.

One in a Carton; One Dozen Cartons in a Case.

LACE

Nickel Plated Hood, Top of Core Aluminized, Bottom Polished.

Per Dozen

No. 910—One Oval Core with 1⅞x4 in. Face. One Nickel Plated Hood with Handle and Lock .....$....

Weight Each 1 Pound; Weight Per Case 41 Pounds.

One in a Wrapper; Three Dozen in a Case.

BABY

Nickel Plated Hood, Top of Core Aluminized, Bottom Polished.

Per Dozen

No. 600—One Oval Core with 1⅝x3½ in. Face, One Nickel Plated Hood with Handle and Lock.....$....

Weight Each 10 Ozs.; Weight Per Case 27 Pounds

One in a Wrapper; Three Dozen in a Case.

EXTRA PARTS FOR DOVER SAD IRONS

HOOD COMPLETE

Nickel Plated Steel, Asbestos Lined, Improved Wedge Lock.

Per Dozen

No. 71—Fits Nos. 70 and 100 Laundry Sets .....$....

No. 41—Fits No. 50 Flounce and No. 40 Sleeve Irons. ....

No. 11—Fits No. 10 Tourist Iron ....

LOCK COMPLETE

Spring Steel Arms, Black Enameled Wood Handle.

Per Dozen

No. 74—Fits No. 71 Hood....$....

No. 44—Fits No. 41 Hood.... ...

No. 14—Fits No. 11 Hood.... . .

WOOD HANDLE

Wood, Black Enameled.

Per Dozen

No. 75—Fits No. 71 Hood....$....

No. 45—Fits No. 41 Hood.... ....

No. 15—Fits No. 11 Hood.... ....

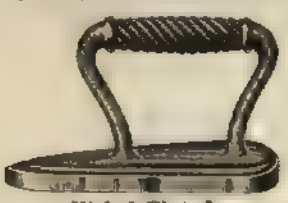
Per Dozen

No. 76—Fits No. 71 Hood....$....

No. 46—Fits No. 41 Hood.. . ....

No. 16—Fits No. 11 Hood... ... .

SLEEVE OR FLOUNCE



Nickel Plated.

Nos.	869	870
Length, Inches	5½	6¾
Weight Each	1 lb. 9 oz.	2 lbs. 9 oz.
Per Dozen	$....	....

No. 869, Six Dozen; No 870, Three Dozen in a Case.

TOY

Nickel Plated, Bronze Top. Per Dozen

No. 92—Double Pointed, Detachable Handle, with Stand, Weight Each 1¼ Lbs... .. ..$. ..

One in a Box.

SAD IRONS
TROY POLISHING

Smooth Face. Per Dozen

No. 73—Nickel Plated All Over, Weight Each 4 Lbs. .....$....
No. 83—Polished, Weight Each 4 Lbs. .....
Three Dozen in a Case.

Perforated Face. Per Dozen

No. 72—Nickel Plated All Over, Weight Each 4 Lbs. .....$....
No. 82—Polished, Weight Each 4 Lbs. .....
Three Dozen in a Case.

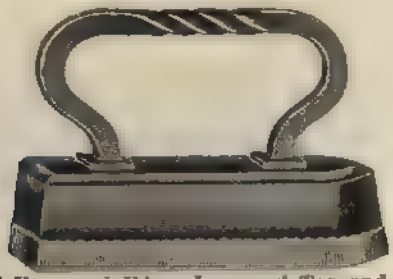
COMMON

Polished Face and Edge, Black Japanned Top and Handle.

Nos.	5	6	7	8	9
Weight Each, Lbs.	5	6	7	8	9
Per Pound ..... $	....	....	....	....	....

Open Stock.

TAILOR'S GOOSE



Polished Face and Edge, Japanned Top and Twisted Handle, Pointed.

Nos.	16	18	20	22	24
Weight Each, Lbs.	16	18	20	22	24
Per Pound ..... $	....	....	....	....	....

Open Stock.

SAD IRONS
SELF-HEATING CHARCOAL

Nickel Plated and Polished, Cast Iron Base, Cast Iron Top and Chimney Combined, Tin Shield, Hardwood Handle, Single Flue.

Nos.	1	2	3	4
Weight Each, Lbs.	4½	6	6	6¾
Each ..... $	.	.	.	.

One Dozen in a Case.

SAD IRON HANDLES
MRS. POTTS

Per Dozen

No. 501—Hazelwood Handle, Japanned Iron Stretcher .....$....
No. 502—Hazelwood Handle, Tinned Iron Stretcher. ...
Weight Per Dozen 4 Pounds
One-half Dozen in a Package

ENTERPRISE

Per Dozen

No. B10—Hardwood Handle, Japanned Forged Iron Stretcher .....$.
No. B11—Hardwood Handle, Tinned Forged Iron Stretcher .....
Weight Per Dozen 4½ Pounds
One-half Dozen in a Package

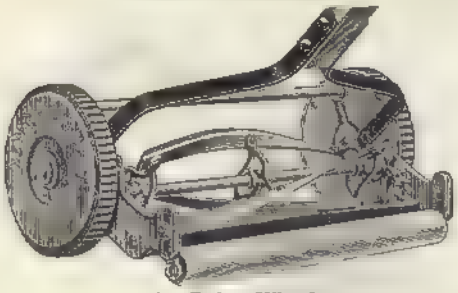
OBER

Per Dozen

No. 21—Hardwood Handle, Japanned Cast Iron Stretcher .....$....
No. 22—Hardwood Handle, Tinned Cast Iron Stretcher .....
Weight Per Dozen 5½ Pounds
One Dozen in a Package.

Lawn Mowers.

NEW CRESCENT

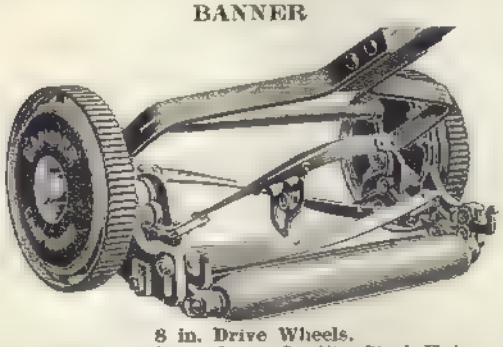


8 in. Drive Wheels.

Open Cylinder, Three Blade Steel Knives, Carefully Tempered, Steel Reel Shaft, Adjustable Brass Bushings, Wheels Painted Green with Bronze Stripe, Knives and Reel Painted Red, Handle Braces Gold Bronzed

Width of Cut, Inches	12	14	16
Weight Each, Boxed, Lbs.	40	43	45
Each	$4.80	4.80	4.80

BANNER

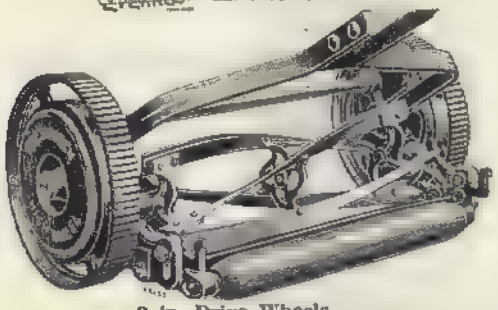


8 in. Drive Wheels.

Open Cylinder, Three Extra Quality Steel Knives, Hardened and Tempered in Oil, Self-Sharpening, Steel Reel Shaft, Wheels Painted Red, Reel Shaft and Handle Brace Painted Green with Gold Bronze Stripes, Knives and Brace Gold Bronzed

Width of Cut, Inches	14	16	18
Weight Each, Boxed, Lbs.	40	43	45
Each	$5 35	5.80	6 25

HIGH WHEEL



9 in. Drive Wheels.

Open Cylinder, Four Crucible Cast Steel Knives, Hardened and Tempered in Oil, Enos Self-Sharpening Dead Knife, Steel Reel Shaft, Wheels Painted Green with Black Rim, Reel, Shaft and Handle Brace Painted Red, Knives Gold Bronzed

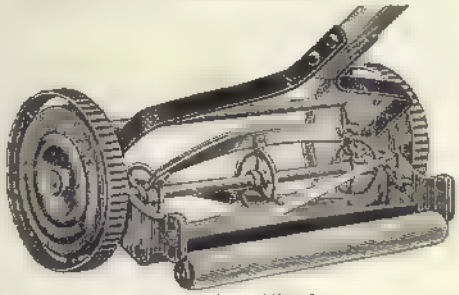
Width of Cut, Inches	14	16	18
Weight Each, Boxed, Lbs.	45	46	48
Each	$7 80	8.35	8.90

The High Wheel Mower is so constructed that it will cut much higher grass than many other machines having larger wheels. The revolving knife, or wiper, having four blades, gives it rapid action, making a smooth, clean cut.

It is built by skilled mechanics in a simple and practical manner, making it a most serviceable machine for domestic use.

By simply adjusting the Dead Knife, it can be kept sharp for years, thus saving the yearly annoyance of having it ground, and more than saving its cost thereby.

CLOVER LEAF

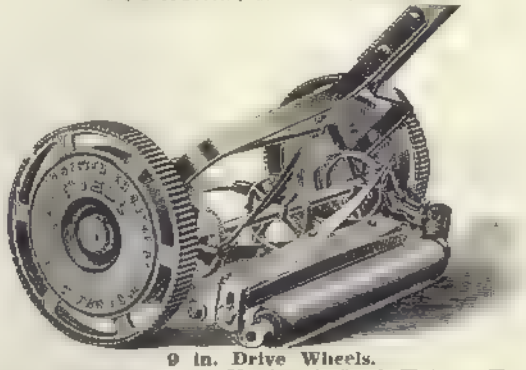


8 in. Drive Wheels.

Open Cylinder, Three High Grade Blade Steel Knives, Carefully Tempered and Spirally Formed, 5½ in. Diameter Machinery Steel Reel Shaft, Adjustable Brass Bushings, Wheels and Handle Brace Gold Bronzed, Knives and Reel Silver Bronzed

Width of Cut, Inches	12	14	16
Weight Each, Boxed, Lbs.	40	43	45
Each	$4.80	5.00	5.25

CUTWELL, HIGH WHEEL



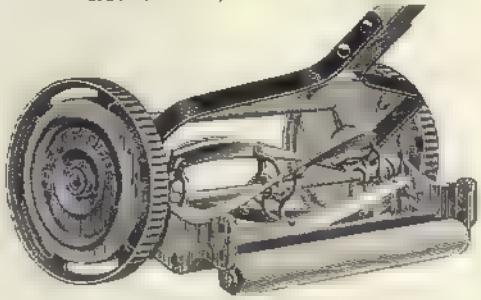
9 in. Drive Wheels.

Open Cylinder, Four Hardened Steel Knives, Hardened Steel Lock Pawls, Steel Reel Shaft, Set Screw Adjustment, Wheels Painted Red with Silver Bronzed Rim, Handle Brace Painted Red, Reel Shaft Silver Bronzed, Knives Gold Bronzed

Width of Cut, Inches	14	16	18
Weight Each, Boxed, Lbs.	36	38	40
Each	$6 35	6 90	7 45

The Tension Draw-Cut principle used in this Mower completely reverses the old way of cutting grass. The grass is drawn under the Tension across the Sharp Edge of the Stationary Knife (which is the Cutting Knife) and severed most easily

BELFORT, BALL BEARING



8¼ in. Drive Wheels.

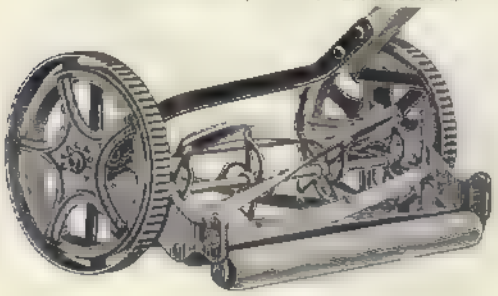
Open Cylinder, Four Best Quality Steel Knives, Highest Grade Solid Cone Steel Ball Bearing Parts, Thoroughly Hardened and Ground, Dust Proof, Wheels Painted Green, Other Parts Gold Bronzed

Width of Cut, Inches	14	16	18
Ap. Weight Each, Boxed, Lbs.	43	45	47
Each	$7.95	8.20	8 55

All Above, One in a Box.

Lawn Mowers.

BEAUMONT, BALL BEARING

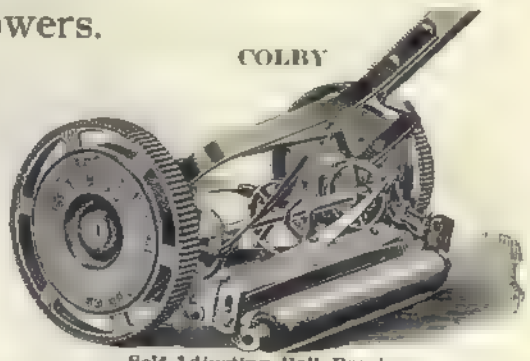


10½ in. Drive Wheels.

6 in. Open Cylinder, Four Best Quality Steel Knives, Highest Grade Solid Cone Steel Ball Bearing Parts, Thoroughly Hardened and Ground, Dust Proof, Gold Bronzed.

Width of Cut, Inches	14	16	18
Ap Weight Each, Boxed, Lbs.	53	55	57
Each	$9.45	10.25	10.55

COLBY



Self-Adjusting Ball Bearings.

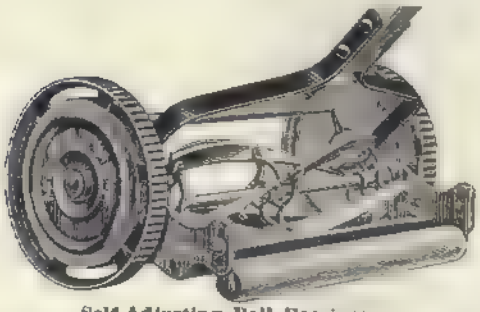
9 in. Drive Wheels, Open Cylinder, Four Best Quality Steel Knives, Self-Sharpening, Steel Reel Shaft, Gold and Silver Bronzed

Width of Cut, Inches	14	16	18
Ap. Weight Each, Boxed, Lbs.	40	41	43
Each	$8 90	9.45	10.00

The Stationary Knife has lipped edge against which the revolving knives shear, making the mower self-sharpening.

The Tension Draw-Cut principle used in this Mower completely reverses the old way of cutting grass. The grass is drawn under the Tension across the sharp edge of the Stationary Knife (which is the Cutting Knife), and severed most easily

MARATHON, BALL BEARING



Self-Adjusting Ball Bearings.

9 in Drive Wheels, Open Cylinder Four Highest Grade Crucible Steel Knives, Spirally Formed and Self Sharpening 6½ in Diameter Reel, Reel Bearings Automatically Adjusted Screw-Adjusting Cutter Bar, Painted Blue and Gold Bronzed

Width of Cut, Inches	14	16	18
Ap Weight Each, Boxed, Lbs	44	46	48
Each	$8 35	8 90	9.45

The Ball Bearing Parts of this Mower are of highest grade and the Cones of Tool Steel, tempered by a secret process and will never show the slightest wear during the life of the mower.

MELROSE, BALL BEARING

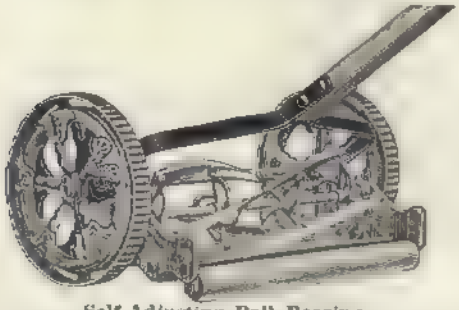
Self-Adjusting Ball Bearings.

10½ in Drive Wheels Five Heavy Vanadium Steel Knives, Oil Tempered and Ground, Self Sharpening, 6 in Diameter Reel, Top and Bottom Screw Cutter Bar Adjustment Positive Ratchet, Case Hardened Double Lipped Pawls, Finished in Silver and Gold Bronze Blue Decorations

Width of Cut, Inches	14	16	18	20
Ap Wt. Each Boxed, Lbs	60	62	64	67
Each	$13 00	15 90	16.70	17.80

A Mower of exceptional quality that will give the best of service under all conditions.

NEW AUTO, BALL BEARING



Self-Adjusting Ball Bearings.

10½ in. Drive Wheels, Open Cylinder, Four Highest Quality Crucible Steel Knives, Oil Tempered, Self-Sharpening, 6 in. Diameter Reel, Highest Grade Solid Cone Steel Ball Bearing Parts, Hardened and Ground, Dust-proof, Gold and Silver Bronzed, Red Decorations.

Width of Cut, Inches	14	16	18
Ap. Wt. Each, Boxed, Lbs.	50	53	56
Each	$10.80	11.55	12.45

GREAT AMERICAN, HIGH WHEEL

Ball Bearing

10 in Drive Wheels, 6 in. Cylinder, Five Crucible Tool Steel Knives, Oil Hardened and Water Tempered, Double Gears, Hardened Tool Steel Cones and Cups, Self-Sharpening Crucible Steel Dead Knife, Adjustable from ½ to 1½ in., Gold and Silver Bronzed, Red and Blue Decorations

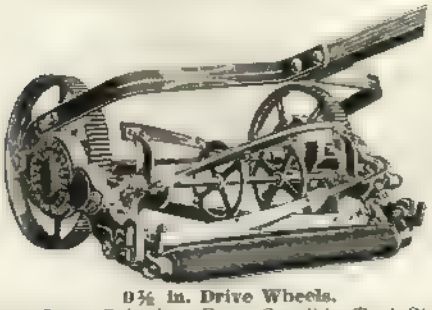
Width of Cut, Inches	15	17	19	21
Ap. Wt. Each, Boxed, Lbs.	65	67	71	76
Each	$16.70	18.65	20.70	22.65

The Great American has a Patent Adjustable Cone so designed as to give the Best Bearing Surface, with Minimum Friction. The Steel Balls used are of the highest grade, and will not wear by friction, as they are placed in Dust Proof Cups

All Above, One in a Box.

Lawn Mowers.

CONTINENTAL, HIGH WHEEL



9½ in. Drive Wheels.

6½ in Open Cylinder Four Crucible Tool Steel Knives Oil Hardened and Water Tempered Triple Gears on Each Side Flat Spring Pattern Bottom Knife, Adjustable from ½ to 1½ in., Malleable and Cast Parts Accurately Machined to Insure Noiseless Service, Finished in White with Blue, Red and Gold Decorations.

Width of Cut, Inches....	15	17	19	21
Ap. Wt. Each, Boxed, Lbs.	68	72	76	82
Each	$22 25	24 90	27 60	30 20

One in a Box

PENNSYLVANIA, LOW WHEEL

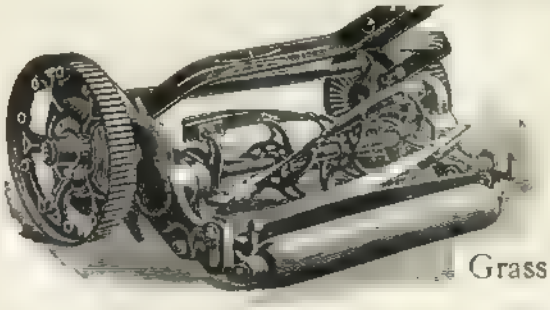
8 in. Drive Wheels.

5½ in Open Cylinder Four Crucible Tool Steel Knives, Oil Hardened and Water Tempered Triple Gear Flat Spring Pattern, Crucible Tool Steel Bottom Knife, Adjustable from ⅝ to 1½ in., Malleable and Cast Parts Accurately Machined to Insure Noiseless Service, Finished in Green and Red with Gold Bronze Decorations

Width of Cut, Inches.....	14	16	18
Ap. Weight Each, Boxed, Lbs..	58	60	63
Each	$16.10	18 25	20 00

One in a Box

PENNSYLVANIA JUNIOR, HIGH WHEEL



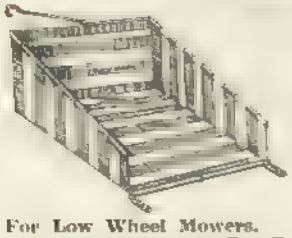
Ball Bearing.

10 in. Drive Wheels, 6 in. Open Cylinder, Five Crucible Tool Steel Knives, Oil Hardened and Water Tempered, Triple Gears on Each Side, Tempered Crucible Tool Steel Bottom Knife with Raised Edge, Adjustable from ¼ to 1⅛ in., Malleable and Cast Parts Accurately Machined to Insure Noiseless Service, Finished in Green and Red with Gold Bronze Decorations

Width of Cut, Inches.....	15	17	19	21
Ap. Wt. Each, Boxed, Lbs..	71	74	77	80
Each	$25.00	28 00	31.00	34.00

One in a Box.

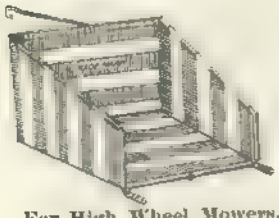
Grass Catchers.



For Low Wheel Mowers.

	Per Dozen
No. 1—8 in. Deep, Heavy Galvanized, Wire Frame, Duck Covered, Adjustable Steel Hooks, for 12 to 16 in. Mowers	$5 60

Weight Per Dozen About 35 Pounds.



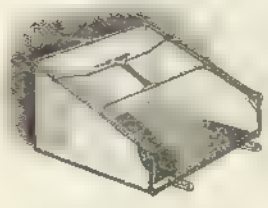
For High Wheel Mowers.

	Per Dozen
No. 10—13 in. Deep, Heavy Galvanized Wire Frame, Duck Covered, Adjustable Steel Hooks, for 12 to 16 in. Mowers, Weight Per Dozen About 40 Lbs	$8 35
No. 20—16 in. Deep, for 16 to 20 in. Mowers, Otherwise Same as No. 10, Weight Per Dozen About 45 Lbs.....	8.90

For High Wheel Mowers.

	Per Dozen
No. 100—13 in Deep Extra Heavy Galvanized Top Frame, Rigid Handle or Carrying Device, Heavy Galvanized Bottom Extra Heavy White Duck Covered, Adjustable Hooks, for Mowers 16 to 20 in	$14 45

Weight Per Dozen About 48 Pounds.



Nos. 1000 and 2000.

Heavy Galvanized Wire Top Frame, Heavy Galvanized Iron Bottom, Duck Covered, Rigid Handle or Carrying Device, Adjustable Steel Hooks.

	Per Dozen
No. 1000—13 in. Deep, for 12 to 16 in Mowers	$ 9 45
No. 2000—13 in. Deep, for 16 to 20 in Mowers	10 35

Weight Per Dozen About 47 Pounds.

Steel Wire Frame, Galvanized Steel Bottom, Heavy Duck Sides.

	Per Dozen
No. 5G—18 in. Wide, for 12 to 18 in. Mowers	$18 00
No. 6G—22 in. Wide, for 18 to 22 in Mowers	23.35

Weight Per Dozen About 50 Pounds

"EASY EMPTYING"

Nos. 5G and 6G. Per Pound $0.16

Emery.

Emery—For Sharpening Lawn Mowers, in Bulk... ....

POCKET KNIVES

Cuts Full Size

EMPIRE BRAND

Blades are Made of the Finest Quality High Carbon Cutlery Steel, Finest Uniform Temper Possible to be Obtained, Guaranteed to be Free from Flaws and Softness.

Per Dozen

No. 650-S Two Blades, Spear Point, Glazed, 3 in. Stag Handle, Brass Lined, German Silver Bolsters.....$

One half Dozen in a Box

Per Dozen

No. 781-S—Two Blades, Spear Point, Glazed, 3⅛ in. Stag Handle, Brass Lined, German Silver Bolsters.....

One-half Dozen in a Box

Per Dozen

No. 808 Two Blades, 1 Large Spear Point and 1 Pen, Glazed, 3¼ in. Ebony Handle, Brass Lined, German Silver Bolsters and Shield.....$

No. 928 Three Blades, 1 Large Spear Point and 2 Pen, Half Polished, 3¼ in. Stag Handle, Brass Lined, German Silver Bolsters and Shield.....

No. 926—Same as No. 928, but Pearl Handle.....

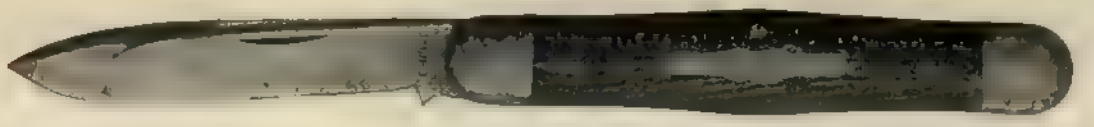
No. 925—Two Blades, 1 Large Spear Point and 1 Pen, Glazed, 3¼ in. Pearl Handle, Brass Lined, German Silver Bolsters and Shield.....

One half Dozen in a Box

Per Dozen

No. 940—Three Blades, 1 Large Spear Point, 1 Pen and File, Half Polished, 3¼ in. Stag Handle, German Silver Lined, German Silver Tips, Milled Back.....$

One-half Dozen in a Box



Per Dozen

No. 651 Two Blades, 1 Large Spear Point and 1 Pen, Half Polished, 3½ in. Ebony Handle, Brass Lined, Steel Bolster and Cap.....$

One-half Dozen in a Box.

Per Dozen

No. 666 Two Blades, 1 Large Spear Point and 1 Pen, Half Polished, 3⅝ in. Cocobolo Handle, Brass Lined Steel Bolster and Cap.....$

One-half Dozen in a Box.

POCKET KNIVES

Cuts Full Size.

EMPIRE BRAND

Blades are Made of the Finest Quality High Carbon Cutlery Steel, Finest Uniform Temper Possible to be Obtained, Guaranteed to be Free from Flaws and Softness.

Per Dozen

No. 234—Two Blades, 1 Large Spear Point and 1 Pen, Glazed, 3⅛ in. Cocobolo Handle, Steel Lined, Steel Bolster . . . . . $. . . . .

One-half Dozen in a Box

Per Dozen

No. 257—Two Blades, 1 Large Spear Point and 1 Pen, Glazed, 3⅝ in. Cocobolo Handle, Steel Lined, Steel Bolster . . . . . $. . . . .

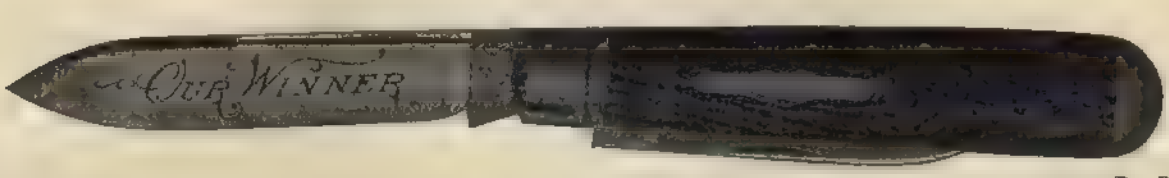
No. 157—One Blade, Spear Point, Otherwise Same as No. 257 . . . . . .

One-half Dozen in a Box

Per Dozen

No. 048½—Two Blades, 1 Large Clip Point and 1 Pen, Half Polished, 3⅛ in. Handle, Brass Lined, Steel Bolster and Cap. . . . . $. . . . .

One-half Dozen in a Box.



Per Dozen

No. 002—Two Blades, 1 Large Spear Point and 1 Pen, Glazed, 3⅝ in. Cocobolo Handle, Brass Lined, Steel Bolster and Cap. . . . . $. . . . .

One-half Dozen in a Box

Per Dozen

No. 990—Two Blades, 1 Large Spear Point and 1 Pen, Half Polished and Etched, 3¾ in. Ebony Handle, Brass Lined, German Silver Bolster and Cap. . . . . $. . . . .

One-half Dozen in a Box.

POCKET KNIVES

Cuts Full Size

EMPIRE BRAND

Blades are Made of the Finest Quality High Carbon Cutlery Steel, Finest Uniform Temper Possible to be Obtained, Guaranteed to be Free from Flaws and Softness.

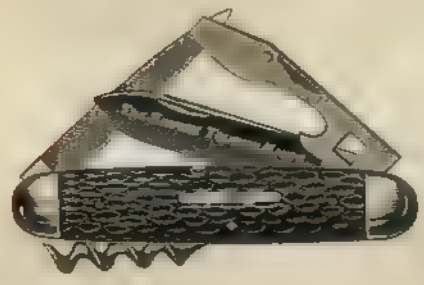
Per Dozen

No. 372—Electricians' Knife. Two Blades 1 Large Spear Point and 1 Screw Driver Blade with Wire Skinning Edge, Locked when Open Glazed and Etched, 3½ in Cocobolo Handle, Brass Lined, German Silver Bolsters .. .. $. ...

One-half Dozen in a Box

Per Dozen

No. 266¼ E—Punch Knife, Two Blades, 1 Large Spear Point and 1 Leather Punch, Glazed and Etched, 3½ in. Ebony Handle, Brass Lined, Steel Bolster.. .. ..$. ...

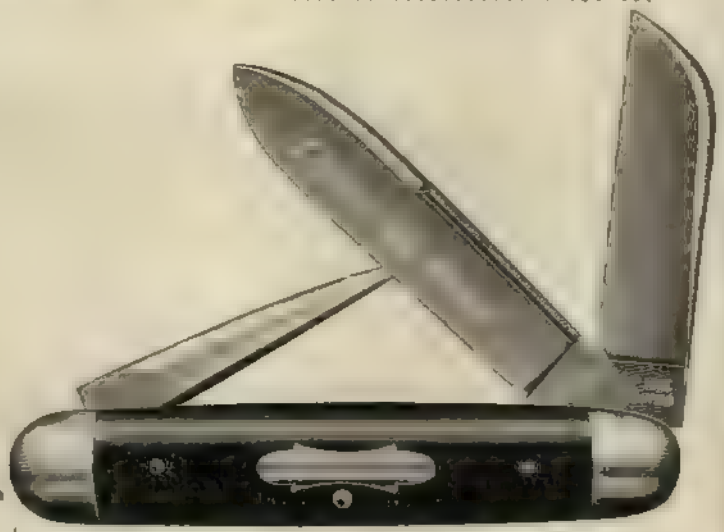


Cut Two-thirds Size

Per Dozen

No. 378-SF—Tourist Knife, 1 Large Spear Point Blade, 1 Flexible Nail File, 1 Combination Screw Driver, Cap Lifter, Can Opener and Presto Light Key, 1 Cork Screw. Half Polished and Etched, 3¼ in. Stag Handle, Brass Lined, German Silver Bolsters..... ....$.....

One-half Dozen in a Box.



Per Dozen

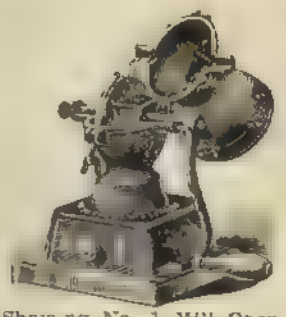
No. 88E—Three Blades, 1 Large Spear Point, 1 Large Sheepsfoot and 1 Leather Punch, Half Polished and Etched, 3⅝ in. Ebony Handle, Brass Lined, German Silver Bolsters..... .$. ...

One-half Dozen in a Box

GRINDING AND PULVERIZING MILLS

ENTERPRISE RAPID

Showing No. 1 Mill Closed



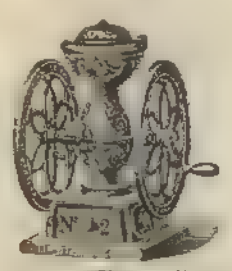
Showing No. 1 Mill Open.

Iron Hopper, Fancy Decorations.

Each

No. 1—12½ in. High, Capacity of Hopper 4 Ozs. of Coffee, Granulates 6 Ozs. of Coffee Per Minute, Grinders can be Adjusted to Pulverize, Weight Each 10 Lbs. ..... $ . .

Six in a Case



Iron Hopper, Fancy Decorations.

Each

No. 2—12½ in. High, Diameter of Wheels 8⅝ in., Capacity of Hopper 4 Ozs. of Coffee, Granulates 6 Ozs. of Coffee Per Minute, Grinders can be Adjusted to Pulverize, Weight Each 15 Lbs. $ . .

Iron Hopper, Fancy Decorations.

Each

No. 3—15 in. High, Diameter of Wheels 10¾ in., Capacity of Hopper ½ Lb. of Coffee, Granulates ½ Lb. of Coffee Per Minute, Grinders can be Adjusted to Pulverize, Weight Each 22½ Lbs. . $. .

Six in a Case

Iron Hopper, Fancy Decorations.

Each

No. 5—17 in. High, Diameter of Wheels 12½ in., Capacity of Hopper ¾ Lb. of Coffee, Granulates ¾ Lb. of Coffee Per Minute, Weight Each 36 Lbs. ..... $ . .

Three in a Case

Iron Hopper, Fancy Decorations.

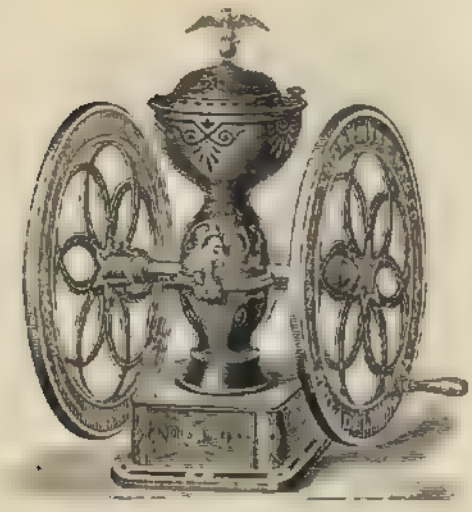
Each

No. 7—21½ in. High, Diameter of Wheels 17 in., Capacity of Hopper 1¾ Lbs. of Coffee will Granulate a Pound of Coffee in 75 Turns. Weight Each 62 Lbs. . . . . $. . . .

One in a Crate

GRINDING AND PULVERIZING MILLS

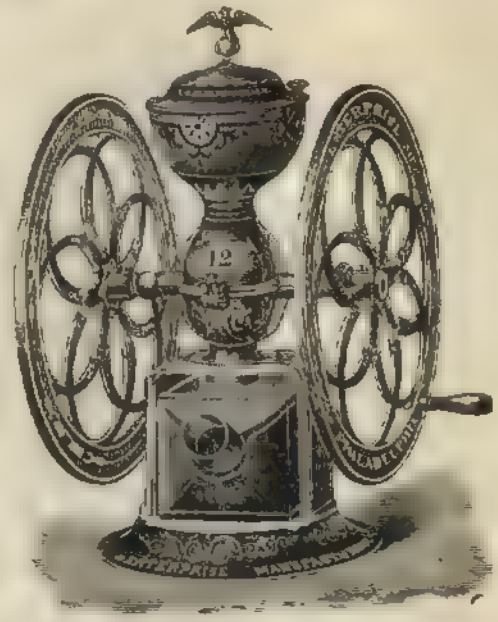
ENTERPRISE RAPID



Iron Hopper, Fancy Decorations, Can be Regulated to Grind Coarse or Fine While Running.

Each

No. 9—24 in. High, Diameter of Wheels 19½ in., Capacity of Hopper 3 Lbs. of Coffee, Seventy-five Turns by Hand Will Granulate a Pound of Coffee, Weight Each 107 Lbs. ..... $ .....



Iron Hopper, Fancy Decorations, Can be Regulated to Grind Coarse or Fine While Running.

Each

No. 12—32 in. High, Diameter of Wheels 25 in., Capacity of Hopper 5 Lbs. of Coffee, Fifty Turns by Hand Will Granulate a Pound of Coffee, Weight Each 141 Lbs. ..... $.

One in a Crate.

EXTRA PARTS FOR ENTERPRISE RAPID GRINDING AND PULVERIZING MILLS

(Prices Given are Each.)

For Mills, Nos.	00	0	1	2	3	5	7	9	12
Hopper and Lid	$								
Hopper Lid, no Eagle									
Eagle									
Globe or Body									
Cap or Back									
Clamp Screw and Washer									
Crank (no Regulating Screw)									
Wheels Only (Each)									
Handle, Complete									
Bolt and Nut for Handle									
Grinders, Per Pair									
Shaft									
Collars, Each									
Springs, Each									
Regulating Screw									
Adjusting Sleeve Only									
Adjusting Wheel Only									
Shut-Off Only									
Wing Nut and Bolt									
Set Screws, Each									
Iron Base									
Wood Base									
Drawer or Receiver									
Arch									
Top Plate									
Wrench									

MILK AND CREAM SCALES

These Scales are made with a loose pointer which by means of a thumb screw on the center of the pointer may be set anywhere on the dial, thus taking the tare of a milk pail, etc.

Brass Front, with Ring and Hook.

Nos.	260MD	270MD
Capacity	30 lb. x 1/10 lb.	60 lb x 2 oz.
Wt., Lbs.	3	3
Each	$....	. .

One in a Box.

ICE SCALES

Iron Clad, Malleable Case, Black Japanned and Ornamented, Brass Nickel Plated Dial Plate, with Ring and Hook.

No.	140
Cap., Lbs.	200x2
Wt. Each, Lbs.	5
Each	$....

No.	150
Cap., Lbs.	200x5
Wt. Each, Lbs.	5
Each	$. .

Nos.	160	170
Capacity, Lbs.	300x5	400x5
Wt. Each, Lbs.	5 1/4	5 1/2
Each	$. . .	. . .

One in a Box

SPRING BALANCES

Round, Black Japanned Steel Tube, Brass Dial Plate, with Ring and Hook.

No.	10
Capacity, Lbs.	25x1/2
Wt. Per Dozen, Lbs.	3
Per Dozen	$....

One-half Dozen in a Box.

SPRING BALANCES

Straight, Light, Japanned Case, Brass Front, with Ring and Hook.

Nos.	2000	20
Capacity, Lbs.	25x1/2	25x1/2
Wt. Dozen, Lbs.	2 1/2	2 1/2
Per Dozen	$ ...	....

No.	30
Capacity, Lbs.	50x1
Wt. Dozen, Lbs.	5
Per Dozen	$. . .

Nos. 2000 and 20, One Dozen; No. 30, One-half Dozen in a Box.

Straight, Heavy, Japanned Case, Brass Front, with Ring and Hook.

No.	40
Capacity, Lbs.	25x1/2
Wt. Per Dozen, Lbs.	5
Per Dozen	$....

No.	70
Capacity, Lbs.	50x1
Wt. Per Dozen, Lbs.	10
Per Dozen	$....

One-half Dozen in a Box.

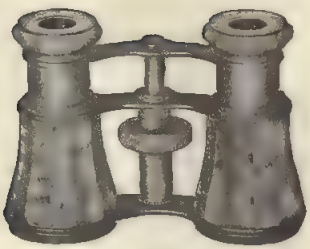
Straight, Extra Heavy, Japanned Case, Brass Front, with Ring and Hook.

Nos.	80	90
Capacity, Lbs.	80x1	100x1
Wt. Dozen, Lbs.	18	39
Per Dozen	$....	....

No.	100
Capacity, Lbs.	125x1
Wt. Dozen, Lbs.	57
Per Dozen	$. .

No. 80 One quarter Dozen; Nos. 90 and 100, One Only in a Box.

Genuine Lemaire Opera Glasses



No. 646

Prices Each Including Case

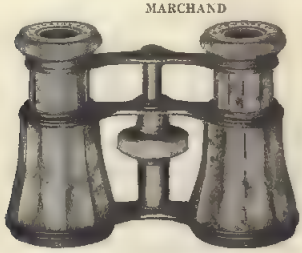
No. 649

		13 Lignes	15 Lignes
No. 646	White pearl, gilt tubes and bars, like cut No. 646	$35.50	$28.97
No. 647	Oriental " " " " " " 646	35.50	28.97
No. 648	Smoke " " " " " " 646	35.50	28.97
No. 649	White pearl tubes, gilt bars " " 649	41.54	45.00
No. 650	Oriental " " " " " " 649	41.54	45.00

Gilding and Lenses guaranteed.

We do not carry the very cheap pearl opera glasses, which are a detriment to both seller and buyer. The following line will give excellent satisfaction, both as to quality and wear, and we recommend them as the best medium-priced glass in the market.

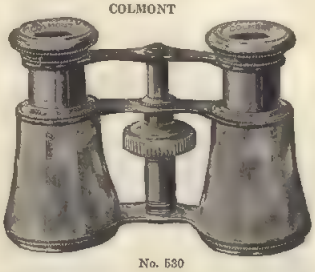
MARCHAND



No. 583

Opera Glasses

COLMONT



No. 530

		12 Lignes	14 Lignes
No. 530	**Colmont.** White pearl, gilt trimmings and tubes, unexcelled for the price we quote. Each	$22.90	$24.84
No. 532	**Colmont.** Oriental pearl, same as above. Each	22.90	24.84
No. 533	**Colmont.** White or oriental pearl, same as above with pearl tubes. Each	28.64	....
No. 540	**Marchand.** White pearl, gilt trimmings, fine lenses	14.70	16.60
No. 541	**Marchand.** Oriental, gilt trimmings, fine lenses	14.70	16.60

No. 660

Extra Quality Morocco Opera Glasses

No. 662

		13 Lignes	15 Lignes	17 Lignes
No. 660	"Lemaire's" make. Good quality black morocco opera glasses	$17.17	$18.27	$20.64
No. 661	"Lemaire's" black morocco, same style as No. 660, but with 12 lenses, giving extra clearness and more freedom from color	27.84	29.00	32.67
		12 Lignes	14 Lignes	15 Lignes	19 Lignes
No. 661½	**Colmont.** Black morocco covered, black enameled trimming, achromatic lenses	$9.97	$10.54	$11.67	$....
No. 663	"Chevalier" make. Medium quality black morocco	....	6.74	7.10	8.64
No. 664	"Chevalier" make. Common, non-achromatic, black morocco	....	5.14	5.74	....

G.W. HUNTLEY © CHICAGO

Prism Binoculars

1863 1916

More Powerful Than the Best Field Glass. Prices Include Case and Straps

Le Fils Binoculars

The Best Selling and Lowest Priced Prism Binocular on the Market. A compact glass less than half the size of ordinary field glass. Aluminum body, dust proof, covered with the finest leather obtainable. Adjustable to various pupillary distances with focusing attachment. Magnification, 3 diameters
No. 25346 Each $57 50

The Best Productions of European Makers

PRICES EACH

The "MEGAPHOS" Binocular

A Prism Binocular at Moderate Price

Magnification, 6 Diameters

Aluminum body, covered with morocco leather. Adjustable pupillary distances
No. 25160 8-Power $65.17

Busch Stereo Ultra-Lux

Smallest Size on Market

The lenses of a Stereo Binocular being placed [illegible] apart than the eyes, all objects are brought into higher relief and their actual distance in relation to one another, are made more evident to the observer. The Stereo Ultra Lux has therefore its practical value to the hunter, the yachtsman and the architect as well as to the tourist. Moisture and dust-proof
No. 6042 8-Power $122.67

The Busch Prism Binocular

The Busch Glass is better known in foreign countries than in this. The best known continental touring agencies recommend it as one of the finest glasses for viewing the grandeur of mountain scenery. We show only the best sellers
No. 6076 8-Power $109.27

Colmont Stereo Prism Binocular

Bodies of slate-gray Japanned [illegible] covered with black seal grain leather. Furnished in a selection of [illegible] and swivel eyepieces, protected with [illegible] case, which may be carried or closed with one hand. [illegible] there is also an adjustable shoulder strap attached to the glass itself, as shown in illustration
No. 5602 8-Power $95.00

Busch Army and Navy U. S. Model 10-Power Prism Binocular Terlux

Aside from powerful requirements on land this glass is particularly desirable to students of astronomy. Aluminum body, leather covered glass $233.17
No. 6060 10-Power

Write for Prices on Telescopic Gun Sights

Tourist and Field Glasses

Complete with Case and Strap

Prices Each.

No. 2100

TO THE TRADE.

We are direct importers of all Field and Opera Glasses. Importing direct enables us to save you a fair margin. A careful consideration of our prices will convince you that they are the lowest. We can furnish any article listed by other houses that we do not quote in our catalogue at the same price, and in some instances lower. A trial order will convince you.

No. 2201

LUMAIRE

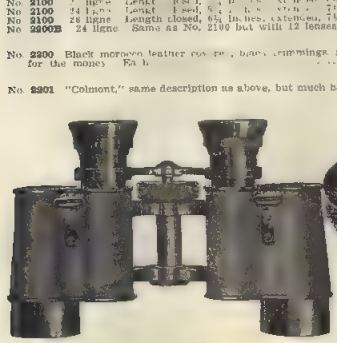
	"Lemaire's" field glasses, morocco covered, metal body, bright finish, sole leather cases and straps. Four sizes, as follows		
No. 2100	18 ligne. Length closed, 4½ inches, extended 6 inches, power, 5 diameters		$33.97
No. 2100	21 ligne. Length closed, 5 inches, extended 7½ inches, power, 5½ diameters		42.37
No. 2100	24 ligne. Length closed, 5½ inches, extended 7½ inches, power, 6 diameters		49.45
No. 2100	28 ligne. Length closed, 6¼ inches, extended 7½ inches, power, 6 diameters		53.54
No. 2200B	24 ligne. Same as No. 2100 but with 12 lenses, power, 6 diameters		65.20

CHEVALIER

		21 Ligne	24 Ligne	28 Ligne
No. 2200	Black morocco leather covered, brass trimmings, sole leather carrying case, achromatic lenses. Best on the market for the money. Each	$15.20	$16.64	$18.30

COLMONT

No. 2201	"Colmont," same description as above, but much better grade glass. Each	25.97	28.07	30.14



PRICE LIST

Code Word	Power	Diam. of Objectives	Width of Field at 1,000 Yds.	Price
Jaina	6X	24 mm	120 yds.	$117.00
Jackstay	6X	30 mm	150 yds.	156.00
Janker	8X	21 mm	90 yds.	117.00
Jar	8X	25 mm	115 yds.	130.00
Jarnut	12X	30 mm	88 yds.	136.34
Jaspoid	10X	45 mm	75 yds.	403.67

NO 2500—COLMONT TOURIST

We take pleasure in calling the attention of our customers to a new field glass that we have arranged for such as require ambit combining the qualities of a field glass with a range of vision and magnifying power. It is a justifiable claim that pupillary widths as shown in the upper cut. It is excellent for field work and is perfect bird glass. Each $32.17

Cavalry Glasses Rapid Adjustment

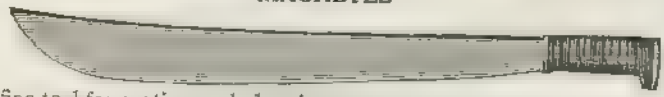
The following line of field glass are constructed with short bodies and long draw tubes, so that while capable of being extended long enough to give the necessary power, they occupy, when closed, a comparatively small compass. They are fitted with a patent adjustment, by means of which they can be always kept at the proper adjustment for the owner's eyes. Having been once adjusted by the screw, as in any ordinary field glass, they can then be closed by simply pushing them together and when needed have only to be pulled out when they are ready for instant use, the adjustment to the eyes having remained undisturbed.

No. 112

		24L	28L
No. 112	Marchand Field Glass, Day and Night, U. S. Signal, black morocco body, japanned trimmings, extension shade, black leather carrying case and strap. Each	$18.77	$20.77

MACHETES AND BUSH KNIVES

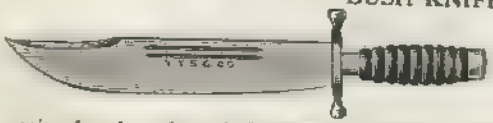
MACHETES



A fine tool for cutting underbrush or small growth around camp. Indispensable when hunting bear in Southern cane breaks, or for clearing away heavy weeds or thick growth of any kind.

No. **M22.** Blade 22 inches, handle 5 inches, weight 1¾ lbs. . **$1 25**
No. **522.** Leather sheath . . $ .90 Extra if Machete is delivered. . **15**

BUSH KNIFE



Made of a fine quality of steel, with wound leather handle, brass butt and protecting hilt.

A reliable implement for cutting brush and small growth or clearing one's way through cane or swamps. Supplied with sheath of excellent quality leather with loop for belt.

No. **17.** With 10-inch blade, weighs 18 ounces **$3 00**

MARBLE'S SPORTSMAN'S KNIVES

IDEAL HUNTING KNIVES

It has a hollow blade that is guaranteed to stand severe usage. It is adapted to stripping or skinning and lies even ground at the back of point for chopping bones and other hard substances. Price and list, leather sheath with metal point protector. The handle is made of laminated leather with staghorn tips.

No. **415.** Blade 5 in. List $2 25 Net **$2.00** No. **417.** Blade 7 in. List $2 75 Net **$2.50**
No. **416.** Blade 6 in. List 2 50 Net **2.25** No. **418.** Blade 8 in. List 3 00 Net **2.75**

"EXPERT" HUNTING KNIFE

These knives have thin keen edge for dressing skins, etc. They will stand almost unlimited service for the purposes named, but the "Ideal" knife described above with its thick back, is better for chopping bones, etc.

No. **545.** 5-inch blade, with sheath. Factory List $2 25 Net **$2 00**
No. **556.** 6-inch blade, with sheath. Factory List 2 50 Net **2 25**

MARBLE'S CANOE KNIFE

This knife is similar in design to the "Ideal" but shorter and smaller. Made to stand a lot of hard usage.

No. **51.** 4½ inch blade Factory List $2 25 Net **$2.00**

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

HUNTING AND SKINNING KNIVES

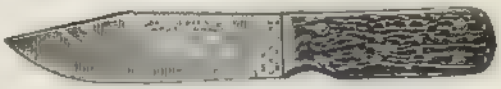
MARBLE WOODCRAFT HUNTING KNIFE

A new design embodying all of the essential features required for skinning, cutting up, dressing game and for all-round woods use.

The blade is 4¼ inches long, thick at back and tapers to a fine point. This allows it to serve the purpose of a butcher knife and yet possesses sufficient strength to be used safely for chopping, but not heavy enough to be clumsy for skinning. Total length of knife 9¾ inches, handle 3¾ inches, weight 5 ounces.

No. 49. Leather handle with No. 39 sheath . . . List $1 50 Net $1 35
No. 50. Stag handle with No. 39 sheath . . List 2 00 Net 1 75

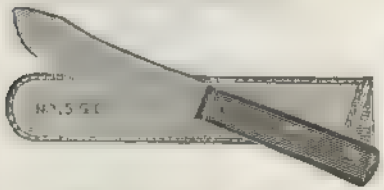
DE WEESE KNIFE



This knife was designed by Dan De Weese, one of the most [illegible] guides in the Rocky Mountains. It [illegible] what the thumb rest is for when [illegible] skinning or cutting hard substances. When skinning, hold the finger rest [illegible] and when cutting meat or bone put the thumb on the rest. This takes the place of a butcher knife. Blade 4½ inches long, 3¼ inch handle; weight 4 ounces.

No. 62 Stag handle . . . . . List $1 75 Net $1 60

CAVE BUTCHER KNIFE



A [illegible] Regular [illegible] ing [illegible] 4 inch blade.

No. C4. With canvas sheath $ 25

UTILITY KNIFE

A [illegible] and skinning [illegible] get [illegible], weight 3½ ounces.

No. S5. With [illegible] sheath. $ 50

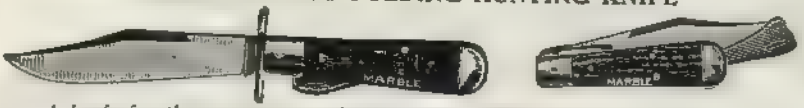
EXTRA KNIFE SHEATHS

When ordering be sure and give length of blade and make of knife.

No. 34. Metal sheath with metal [illegible] List $ 50 Net $ 45
No. 39. Heavy leather hand made sheath [illegible] List .50 Net .45
which holds knife securely .....
No. 48. Canvas sheath with [illegible] 10

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

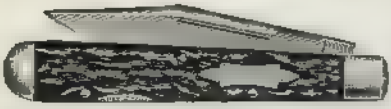
MARBLE SAFETY FOLDING HUNTING KNIFE



A knife for the sportsman, who wants a pocket knife that is heavy, strong and rigid. As a sheath to fit it when folded is furnished, it can be carried on the belt when desired. Has a long blade with a short handle, the extension guard acting as a safety lock when open. The guard and blade is held in position by a spring when either open or closed. The blades have bone chopper at back.

No. 63. Blade 4½ inches, weight 4 ounces. List $3 00 Net $2 75
No. 85. Blade 5 inches, weight 6 ounces. List 4 00 Net 3 60

SALISBURY HAND FORGED KNIFE



The blades are hand forged from very best English Steel and are tested and warranted perfect. Excellent not only as a pocket knife, but for sticking and skinning. It has a 3½ inch blade and a device whereby the blade may be locked when opened. Stag handle with metal reinforcements at end.

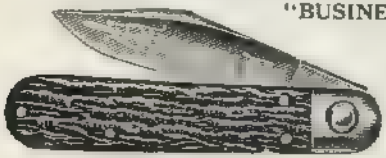
No. 92. Over-all length 4½ inches..... $1 25

"BUFFALO BILL" KNIFE

A handy knife for every man or boy and especially suitable for sportsmen. The extra large and strong handle is made of genuine stag. In addition to the large blade, which is 3¾ inches long, there is a small blade, a can opener, a bottle opener and a punch or reamer. Fitted with a ring for attaching to chain or thong. A quality knife for rough-and-ready use.

No. BB. Length 5 inches..... $2 50

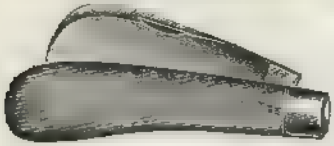
"BUSINESS" KNIFE



A one-blade jack knife intended for hard usage. Blade is 3 inches long and flies open when you press the button and is locked to prevent "doubling back" when being used.

No. 510. 3-inch blade..... $ 85

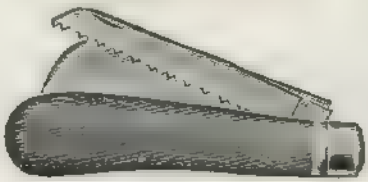
PRUNING KNIFE



Called a pruning knife but handy for many purposes. The blade is wide and curved, three inches long.

No. G7. Length 3⅝ inches..... $ 50

PRUNER WITH SAW



With blade like the "Pruner" but longer and a 3½ inch saw as well.

No. G10. Length 4 inches..... $1 00

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

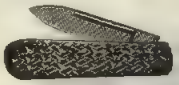
Cutlery Department

The supply of certain lines of cutlery has been exhausted and under the existing conditions in Europe it is impossible to obtain a new supply at present. Our representatives in Europe are having these goods made in large quantities and as soon as it is possible to ship them our stock will again be complete. It would be useless for us at this time to illustrate a large line of these goods as neither ourselves nor any other concern in the country would be able to execute your orders. Every possible effort has been made to keep our line in the best possible shape and at the time this catalogue goes to press we have a fair stock of every number illustrated. We hope the situation will shortly improve and wish to give our customers and friends every assurance that our stock will always contain the largest and best assortment at lower prices than can be found anywhere else in the country.

No. C4998. Boys' Pocket Knife, embossed polished nickel handle, one spear blade, length open 4 in.
Gross..... 2.75 | Dozen..... .25

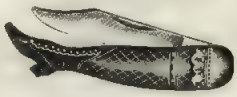
No. C5008. Boys' Pocket Knife, embossed metal handle, polished, one spear blade, length open 4 in.
Gross..... 2.75 | Dozen..... .25

No. C4997. Boys' Knife, polished metal handle, fish design with embossed scale, one blade, length open 3⅞ in. Good popular knife.
Gross..... 3.50 | Dozen..... .30



No. C5002. Boys' Pocket Knife, metal handle, embossed, black finish, one large blade, length open 4¾ inches.
Gross ..... 4.00 | Dozen..... .35

No. C4993. Boys' Pocket Knife, metal handle, black finish, embossed imitation stag design with inscription "The Boys' Favorite" on both sides. One sheepsfoot shape blade. Length open 4⅛ in.
Gross..... 4.00 | Dozen..... .35

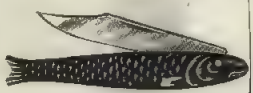


No. C5003. Lady Leg Knife, bright polished metal handle, embossed stocking and shoe, good copy of lady's high booted leg, one clip blade, length closed 2½ inches
Gross..... 4.00 | Dozen..... .35

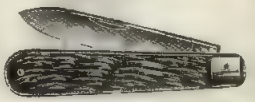
No. C5010. Slipper Pocket Knife, good pattern of lady slipper in assorted popular colored finishes, one blade, length closed 2 in. An excellent article for advertising purposes.
Gross..... 4.00 Dozen ..... .35

No. C4994. Boys' Pocket Knife one blade, length open 5 in., embossed brown finish metal handle, good copy of stag, shield in center, polished bolster both ends.
Gross ... 4.00 | Dozen..... .35

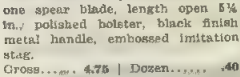
No. C4991. Boys' Pocket Knife, length open 4¼ in., one sheep's foot shape blade, congress shape embossed metal handle, imitation stag, brown finish, polished bolsters
Gross..... 4.25 | Dozen..... .38



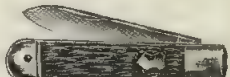
No. C5005. Pocket Knife, novelty fish shape, closed 3⅜ in., one large clip blade, bright nickel finish.
Gross..... 4.50 Dozen..... .38



No. C4987. Boys' Pocket Knife, one spear blade, length open 5¼ in., polished bolster, black finish metal handle, embossed imitation stag.
Gross..... 4.75 | Dozen..... .40

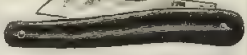


No. C4988. Boys' Pocket Knife, one large clip blade, length open 5⅝ in., polished bolster handle, brown finish imitation stag.
Gross ..... 4.75 | Dozen..... .40



No. C4989. Boys' Pocket Knife, open 5¼ in., one spear blade, well ground, polished nickel metal bolsters, brown finish metal handle, embossed imitation stag, raised shield on both sides.
Gross..... 4.75 | Dozen..... .40

No. C5006. Boys' Pocket Knife, open 4⅝ in., one large spear blade, full ground, fancy embossed nickel handle, center inlaid with tortoise shell celluloid both sides.
Gross..... 4.75 | Dozen..... .40



No. C5009. Boys' Knife, 1 blade, 3½ in. long. Black handle, Congress blade.
Gross..... 5.00 | Dozen..... .42

Pocket and Jack Knives

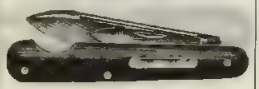
Souvenir of Chicago Pocket Knives, closed 3 in., 2 blades, aluminum handles, high grade finish, fine knife, buildings, embossed on each side with wording.

No. C5460. Post Office on one side, City Hall on other. Doz. . 1.75

No. C5461. Masonic Temple one side, Northwestern Station other side. Dozen..... 1.75

No. C5243. Pocket Knife, fine celluloid handles, full brass lined, with full embossed lady's figure in assorted colors, pink, blue and green tints, 2 blades, one spear, one pen blade, finely ground and crocus polished, length closed 3¼ in. Entirely new.

Per dozen..... 2.00



No. C5475. Pocket knife, Buffalo handle, easy opener, standard shape, 2 blades, 1 large spear, 1 pen, carefully ground, crocus polished on one side German silver name plate, closed 3½ in.

Per dozen..... 2.00

No. C5477. Pocket Knife, Buffalo handle, curved gun stokc shape, popular style, brass lined, 2 blades, 1 large clip crocus polished on one side, 1 small blade, extra well ground and finished, a very popular seller, closed 3 in.

Per dozen..... 2.00

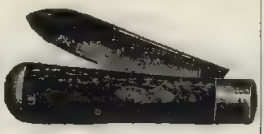
Easy Opener Jack Knife, popular standard shape, 2 blades, 1 heavy large spear, 1 pen, full brass lined, German silver double bolsters and name plate, heavy round handle, good quality and workmanship, nice finish, closed 3½ in. Doz.

No. C5441. Stag handle..... 2.25

No. C5442. Ebony 2.25

No. C5496. Pocket Knife, white celluloid handle with German silver shield and German silver double bolsters, full brass lined, tapering shape, rounded ends, closed 3½ in., 1 large and 1 small spear blade highly polished.

Per dozen 2.25



No. C5445. Jack Knife, Ebony Handle heavy staple shape and size, 2 blades, 1 large spear and 1 small, well grounded and polished, full brass lined, German silver double bolsters and name plate, good strong knife, staple seller, closed 3½ in. Per dozen... ..... 2.25

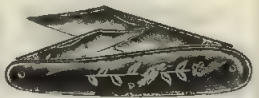
Pocket Knife. The favorite gun stock shape handle, 2 blade, 1 heavy spear shape and 1 small pen, carefully ground and polished, full brass lined, German silver double bolsters and name plate, a knife carefully finished and of good quality, closed 3⅝ in.

		Doz.
No. C5437.	Stag.....	2.25
No. C5439.	Rosewood..	2.25

Pocket Knife, 2 plates, 1 large spear, 1 pen, full size flat shape, tapers to one end, carefully ground and polished, full brass lined, German silver double bolsters and shield name plate, closed 3⅝ in.

No. C5165. Stag handle, doz.. 2.25

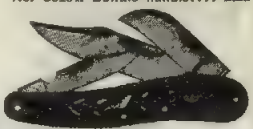
No. C5074. Buffalo handle, doz. 2.25



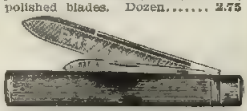
Congress Handle Jack Knife, closed 4¼ in., two blades one large clip, one small clip, Congress shape handle, a very popular seller. Doz.

No. C5163. Inlaid Buffalo handle 2.25

No. C5104. Buffalo handle.... 2.25

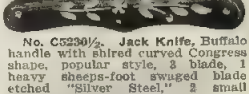


No. C5170. Cattle Knife, 3⅝ in., Buffalo horn handle, German silver inlaid, 3 blades, one scimutar, one pen and one hoof, brass lined, polished blades. Dozen..... 2.75



Physician's .Knife, 3½ inches. Two blades, one large lance, one small spear, brass lined, with division, double German silver bolsters, highly polished blades, etched "Physician's Knife."

		Doz.
No. C5234.	Bone handle.....	2.90
No. C5233.	Buffalo handle....	2.90
No. C5232.	Stag handle.....	2.90



No. C5230½. Jack Knife, Buffalo handle with shired curved Congress shape, popular style, 3 blade, 1 heavy sheeps-foot swuged blade etched "Silver Steel," 2 small pen, extra well ground and highly polished, brass lined splendid flashly looking knife, closed 3¾ in., polished Buffalo horn handle with German silver and pearl inlaid design.

Per dozen..... 3.00

CHARM KNIVES.

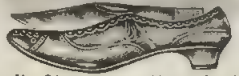
No. C5390. Charm Knives, 1½ in long, open; 1 dozen on card; assorted shell and white celluloid handles, brass lined, ring at end to hang on watch chains.

Per dozen ..... .25

POCKET AND JACK KNIVES

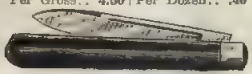
No. C5004. Ladies' Slipper Pocket Knife, metal handle, black finish, good reproduction of lady's slipper, on clip shape steel blade, length open 3¼ inches.
Per Gross.. 3.50 Per Dozen.. .30

No. C4996. Boys' Pocket Knife, metal handle, embossed, black finish one clip blade, length open 5½ in. Presents a very good appearance.
Gross..... 4.00 | Dozen..... .35



No. C4992. Slipper Knife, closed 3¼ in., fancy slipper design, embossed both sides, one large clip blade, excellent knife for shoe house for advertising or premium, handle black enameled.
Gross ..... 4.75 | Dozen ..... .40

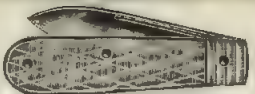
No. C5015. Pocket Knife, metal handle, polished, inlaid with tortoise shell celluloid both sides, one large spear blade, length open 4¼ inches.
Per Gross.. 4.50 | Per Dozen.. .40



No. C5036. Boys' Pocket Knife, closed 3¼ in., one large spear blade, well ground and finished, black metal handle, polished bolster.
Gross ..... 5.50 | Dozen ..... .50

No. C6047. Pocket Knife. Composition handle, representing reclining dog; brass lined, one spear blade, well ground and finely polished. Illustration exact size.
Per gross., 5.00 | Per dozen.. .43

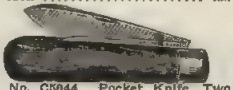
No. C6822. Pocket Knife, composition handle representing the man in the moon. Brass lined. One clip blade, well ground and polished. Illustration exact size
Per gross.. 5.00 | Per dozen.. .43



No. C5021. Boys' Pocket Knife, closed 2¾ in., one large spear blade, white bone carved handle fancy groove bolster, well ground and finished, popular seller.
Per Dozen ..... .55

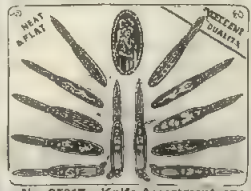
No. C5034. Pocket Knife. Two Blades, 1 large and 1 small spear, size 3½ inch. White metal raised jockey shield and bolsters.
Dozen ..... .65

No. C5033. Pocket Knife, iron handle imitation stag center, japanned in stag color; ends polished, imitation double bolster, Congress shape handle, 2 blades, 1 sheep foot and 1 pen shape, 3¾ in.
Dozen ..... .65



No. C5044. Pocket Knife, Two Blades, 1 large, 1 small spear, triple pinned bone handle nickel polished bolster, 2¾ inches.
Dozen ..... .82

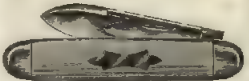
No. C5051. Ladies' Slipper Pocket Knife, 1 blade clip shape; polished steel; brass lined, Composition handle; shape Ladies' slipper, assorted colors; a very desirable knife for advertising purposes for shoemen. Dozen ..... .75



No. C5017. Knife Assortment, one and two blade combinations, well ground and finished, metal handles in assorted finishes, polished copper and oxidized silver with raised embossed ornaments of dogs, women, animals and other fancy designs, neat flat shape knife. Average size closed 3 inches. One dozen on handsome lithographed display card. Per Dozen..... .85

Well Finished—Good Styles Fine Values—Low Prices

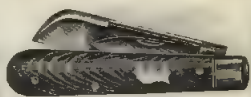
No. C5455. Fish Knife, high class finish, full polished one blade, length open 4 in., exact shape of fish, embossed scales, aluminum and copper oxidized finish, a fine premium or specialty knife.
Dozen ..... .85



No. C5028. Jack Knife, heavy shape full size, 2 blades 1 large spear, 1 small pen, well ground, full fashioned rounded Metal handle, polished steel bolsters and name plate handle enameled in white, looks like white bone, good big value, closed 3½ in. Dozen..... .92

No. C5419. Jack Knife, Ebony Handle, heavy, standard style, full brass lined polished bolster, German silver name plate, two blades, one large spear, one small, extra well ground and finished length closed 3⅜ in. Dozen..... 2.00

No. C5410. Jack Knife, Ebony Handle, staple popular shape, brass lined, heavy steel polished bolster, German silver name plate, two blades, one large clip, one pen blade, well polished, length closed 3⅜ in. Dozen 2.00



No. C5413. Jack Knife, Ebony Handle, full brass lined, polished German silver bolster and name plate, two blades, one large sheepsfoot, one small pen, finely ground and polished length closed 3¾ in. A very serviceable knife.
Dozen 2.00

BENCH DRILLS

GOODELL-PRATT

With Patent Automatic Feed.

Two Speeds, Cut Gears, Polished Steel Tubing Upright Shaft, 1½ in. Diameter, 24 in. Long.

Each

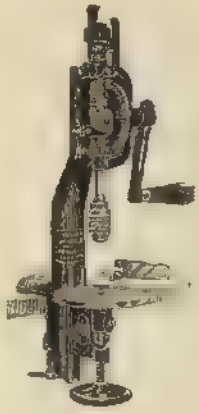
No. 491—Red and Black Enameled Iron Parts, Polished Steel Parts, 6x6½ in. Milled and T-Slotted Table Adjustable Up or Down and Right or Left, All Steel Chuck Holding 0 to ½ in. Round Shank Drills, Weight Each Boxed 45 Lbs.....$22 00

The Patent Automatic Feed is controlled by a nut on top of the frame which may be set on the dial to regulate the proper pressure for the size of drill which is to be used The feed does not operate until the point of the drill actually comes in contact with the work. Reversing the handle instantly releases the feed and runs the feed screw back to its original position Great care should be exercised when this machine is used with a drill under ⅛ in. in size.

YANKEE, BALL BEARINGS

With Automatic Friction and Ratchet Feeds.

Dead Black Finished Frame, Nickel Plated Chuck, Complete with Wrench. Steel Spindle, Steel Chuck with Hardened Jaws, Gears Cut from the Solid Metal, Steel Feed Screw with Ball Bearings at End, Tempered Wearing Parts.



Each

No. 1003—**Single Speed,** Traverse of Automatic Feed 1⅛ in., Diameter of Table 4¾ in., Adjustment of Table in Bracket 1¼ in., Adjustment of Bracket 2¾ in., Extends Below Top of Bench 4¼ in., Extends Above Top of Bench 14½ in., Length Over All 18¾ in., Chuck Holds Up to ¼ in., Net Weight 10¼ Lbs., Gross Weight 20 Lbs . .$10.00

No. 1005—**Double Speed,** Traverse of Automatic Feed 2 in., Diameter of Table 6¾ in., Adjustment of Table in Bracket 1⅝ in., Adjustment of Bracket 5 in., Extends Below Top of Bench 6 in., Extends Above Top of Bench 22 in., Length Over All 28 in., Chuck Holds Up to ½ in., Net Weight 29 Lbs., Gross Weight 57 Lbs..... .... 16.50

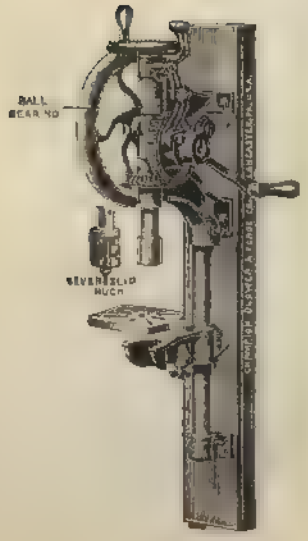
These Drills have two feeds, friction for rapid movement of spindle—and ratchet to feed drill Feed adjusted for drills from No 45 up, to work without breaking, and is thrown off automatically top or bottom to prevent jamming. Table has vertical adjustment on bracket, also adjustable bracket, both are removable.

One in a Box.

POST DRILLS

CHAMPION BLACKSMITHS'

Automatic Self-Feed, Back Gears, One Speed.



No 90

Each

No. 90—43 in. High, Drills Holes up to 1 in., Drills to Center of 14½ in. Circle, 1⅛ in. Diameter Spindle, Up and Down Run of Spindle 3 in., Up and Down Run of Table 11¾ in., Spindle Bored Like "Neversl.p" Chuck for ½ in. Round Shank Drills, Weight Each 100 Lbs.. . . . . .$8 50

WESTERN CHIEF BLACKSMITHS'

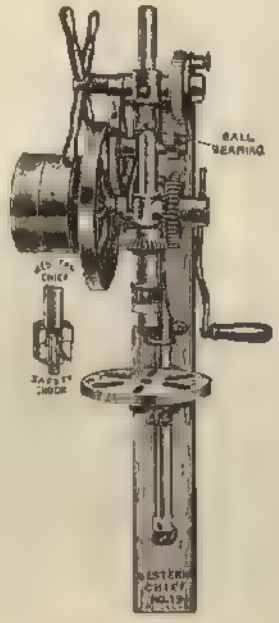
Combined Hand and Self-Feed.

Each

No. 19—49 in. High, Drills Holes Up to 1¼ in., Drills to Center of 16½ in. Circle, Up and Down Run of Spindle 5½ in., Up and Down Run of Table 11 in., Greatest Distance from Table to Spindle 14 in., Ball Bearing and Safety Chuck, Spindle Bored for ½ or ⅝ in. Round Shank Drills, **(Always State Size when Ordering)**, Weight Each 130 Lbs $20 00

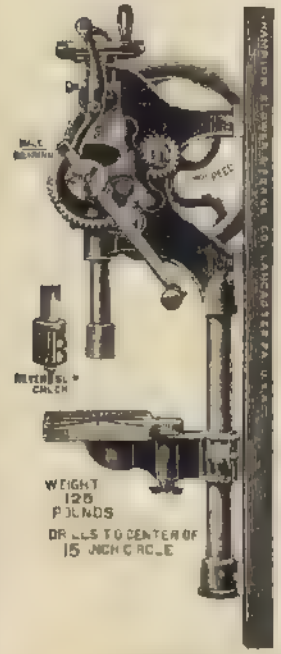
No. 19P—Same as No. 19, but with 8x2 in. Tight and Loose Pulleys, for Hand and Power Use, Pulleys Should Run 190 to 200 Revolutions Per Minute, Weight Each 114 Lbs 22.50

The Hand and Self-Feed are independent of each other, and for quick work, such as wood boring, the drill is unsurpassed, as bit is quick-lifted.



No. 19P

POST DRILLS



CHAMPION SELF-FEED

Ball Bearing.

A high grade up-to-date Back-Geared Drill with Double Journal Bearings to all gears.

Has two speeds.

Spindle has end thrust ball bearings.

All bearings are ground out of the solid metal.

No babbitt used on this drill.

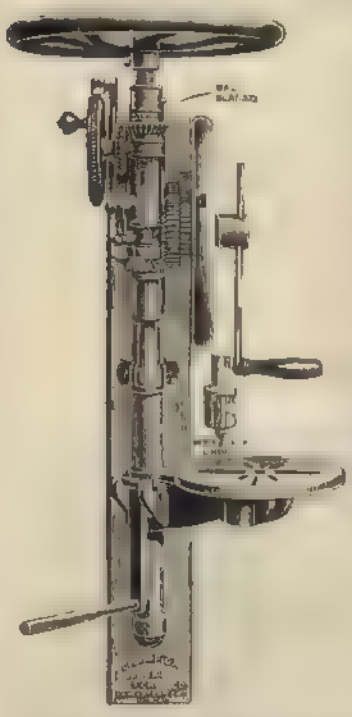
The end thrust ball bearings save 20 to 50 per cent in power and are made from the highest grade of lathe-turned tool steel.

Has automatic self-feed.

Champion Drills are all machine jigged, therefore all parts are absolutely standard and interchangeable.

	Each
No. 93— 46½ in. High, Drills Holes Up to 1¼ in. Drills to Center of 15 in. Circle. 1⅛ in. Diameter Spindle with Up and Down Run of 3 in. Lathe Turned and Slotted Table, Spindle Bored Like "Neverslip" Chuck for ½ in. Round Shank Drills, Weight Each 125 Lbs.	$10.00
Extra 6x2 in. Tight and Loose Pulleys—For Power, Should Run 250 Revolutions Per Minute	3.00

CHAMPION NEW BALL BEARING BLACK DIAMOND BLACKSMITH SELF-FEED



The gearing is designed for easy and quick running, being compounded for increasing power, making it a very powerful and desirable drill

The side fly wheel in connection with the top fly wheel is very practical, when taking into consideration that both the fly wheels make two revolutions to each turn of the crank.

Has two speeds

Crank turns same direction on first and second speed

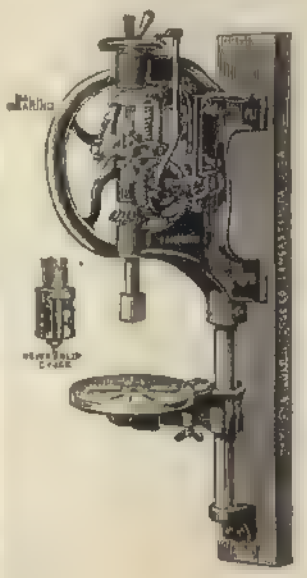
Spindle has end thrust ball bearings

Has automatic self-feed

No babbitt used on this drill

	Each
No. BB -56 in. High, Drills Holes Up to 1½ in., Drills to Center of 18 in. Circle, 1¾ in. Diameter Spindle with Up and Down Run of 4 in., Lathe Turned and Slotted Table, Spindle Bored Like "Neverslip" Chuck for ½ in. Round Shank Drills, Complete with Wheel Holder, Weight Each 256 Lbs.	$24.00
Extra 6x2 in. Tight and Loose Pulleys—For Power, Speed 105 R. P. M.	4.00

CHAMPION COMBINATION AUTOMATIC SELF-FEED AND DOUBLE COMPOUND LEVER FEED



Ball Bearings.

The automatic self-feed and double compound link and rack lever-feed are both independent of each other and are changed from one to the other in the fraction of a second.

With either feed the drill spindle has instantaneous return of the drill bit out of the hole drilled and again instantaneous return on the material for the next hole hole

This drill spindle and bit are positively always raised up or down while using either feed, by the use of a quick acting lever

It has two speeds with three gears, in order to give the second speed same turning direction of the crank as the first speed

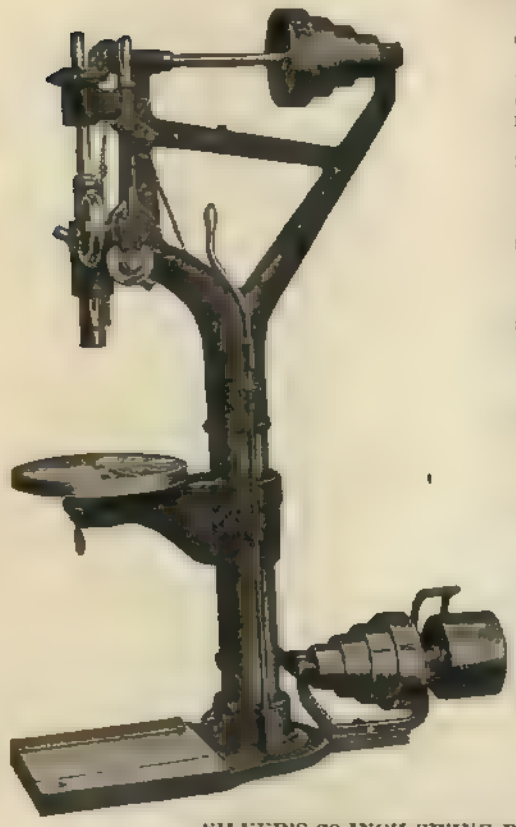
The lever makes it especially convenient for wood boring.

	Each
No. 200—51 in. High, Drills Holes Up to 1¼ in., Drills to Center of 16 in. Circle, 1¼ in. Diameter Spindle, Up and Down Run of Spindle 4 in., Up and Down Run of Table 11 in., Spindle Bored Like "Neverslip" Chuck for ½ or ⅝ in Round Shank Drills, Weight Each 180 Lbs.	$25.00
Extra 6x2 in. Tight and Loose Pulleys—For Power, Should Run 250 R. P. M.	3.00

UPRIGHT POWER DRILLS

SILVER'S 20 INCH SWING DRILL

Combined Lever and Wheel Feed.



The Combined Lever and Wheel Feed Drills permit either the lever or the wheel to be used, without affecting the other.

The patterns from which these drills are made are entirely new and the designs insure great strength and efficiency, also convenience of operation. They are well adapted to meet the up-to-date and exacting requirements of modern machine shop practice.

Bevel Gears are accurately cut from solid blanks, the cog rack is forged from steel and the teeth are milled to gauge.

The Quality of the Drill is indicated by its substantial appearance. Every part is finished with special care and the materials used are the best procurable. All details have been carefully worked out. The top shaft has split bearings to permit of taking up wear.

Table has easy up-and-down adjustment and swings to either side.

When the tool is wanted only for drilling, the countershaft for it is provided with tight and loose pulleys, 8 in. diameter by 2¾ in. face, as shown in the accompanying engraving, and should make 200 revolutions per minute. For tapping and drilling, a friction countershaft is required.

Drive Shaft has tight and loose pulleys; turns 1⅝ times to 1 turn of spindle.

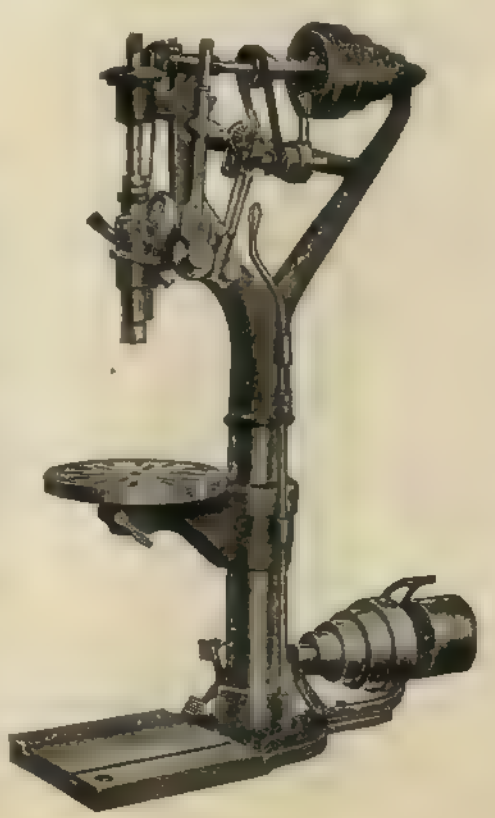
Square Base, Complete as Shown, Drive Shaft with Tight and Loose Pulleys.

Each

No. 858—68¼ in. High, 5½ in. Diam. Column, 16 in. Diam Table, 1⅝ in. Diam. Spindle. Vertical Travel of Spindle 10 in., Vertical Travel of Table 16 in., Spindle Bored for No. 3 Morse Taper, Distance from Column to Center of Table 10¼ in., Distance from Spindle to Base 41⅛ in., Distance from Spindle to Table 26⅝ in., Diameter of Crown Gear 5⅞ in., Diameter of Bevel Pinion 3⅝ in., Diameter of Large Pulley on Cone 9¼ in., Diameter of Small Pulley on Cone 4 in., Cone Carries 2 in. Belt, 8x2¾ in. Tight and Loose Pulleys, Floor Space 46x16 in., Weight Each Crated 700 Lbs. . . **$95 00**

SILVER'S 20 INCH SWING DRILL

Power Feed with Back Gears and Automatic Stop.



Particularly designed and adapted to meet the up-to-date and exacting requirements of modern machine shop practice.

The Back Gear Mechanism provides four slow speeds for heavier work, making a total of eight different speeds.

The Automatic Stop requires only to be started and will stop automatically wherever set, at any required depth. This action is entirely independent of the wheel or the lever feed, either of which can be used in addition.

In Quality, Design and Finish, these drills stand out strongly. New patterns throughout—every detail carefully worked out—materials the best procurable. Bevel gears are accurately cut from solid blanks, the cog rack is forged from steel and the teeth are milled to gauge. The top shaft has split bearings to permit of taking up wear.

Table has easy up-and-down adjustment and swings to either side.

When the tool is wanted only for drilling, the countershaft for it is provided with tight and loose pulleys, 8 in. diameter by 2¾ in. face, as shown in the accompanying engraving, and should make 200 revolutions per minute. For tapping and drilling, a friction countershaft is required.

Drive Shaft has tight and loose pulleys; turns 1⅝ times to 1 turn of spindle.

Square Base, Complete as Shown, Drive Shaft with Tight and Loose Pulleys.

Each

No. 862—68¼ in. High, 5½ in. Diameter Column, 16 in. Diameter Table, 1⅝ in. Diameter Spindle, Vertical Travel of Spindle 10 in., Vertical Travel of Table 16 in., Spindle Bored for No. 3 Morse Taper, Distance from Column to Center of Table 10¼ in., Distance from Spindle to Base 41⅛ in., Distance from Spindle to Table 26⅝ in., Diameter of Crown Gear 5⅞ in., Diameter of Bevel Pinion 3⅝ in., Diameter of Large Pulley on Cone 9¼ in., Diameter of Small Pulley on Cone 4 in., Cone Carries 2 in. Belt, 8x2¾ in. Tight and Loose Pulleys, Floor Space 46x16 in., Weight Each Crated 750 Lbs. **$130 00**

ICE TOOLS

PRAY'S FOUR TOOTH ICE PLOWS

PRAY'S SIX TOOTH ICE PLOWS

High Grade Steel Teeth, with Iron Brace Welded in, Drop Forged Cutting Points, Carefully Ground and Tempered, Well Seasoned Best Selected White Oak Frame, Well Painted.
Cuts Blocks 16, 19, 22, 25 and 28 in.

Capacity 20 to 40 Tons Per Hour.	Each
No. 1—7¼ in. Cut, 4 Cutting Teeth, for Farmers and Dairymen	$16 50
No. 5—10 in. Cut, Otherwise Same as No. 1	18.00

Weight Each 80 Pounds.

Capacity 30 to 60 Tons Per Hour.	Each
No. 2—7¼ in. Cut, 6 Cutting Teeth, Standard Plow for Ice 4 to 12 in. Thick	$22.00
No. 3—8½ in. Cut, 6 Cutting Teeth, Standard Plow for Ice 4 to 14 in. Thick	23 00
No. 6—10 in. Cut, 6 Cutting Teeth, for Ice 12 to 16 in. Thick	24 00

Weight Each 100 Pounds.

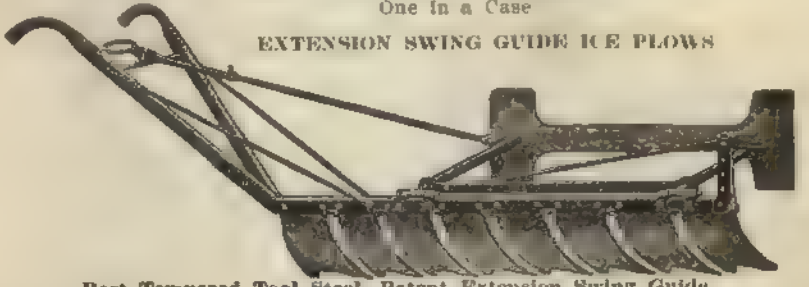
The teeth are adjustable and can be taken off, sharpened and adjusted to cut as before. They are firmly fastened to sides of beams with bolts in slots admitting up and down movement.

DAIRY ICE PLOWS

Polished Best Tool Steel Teeth, Extension Guide.	Each
No. 400D— 8 in. Cut, 5 Cutting Teeth, with Extension Guide 14 to 24 in. or 22 to 28 in.	$30.00
No. 401D—10 in. Cut, 5 Cutting Teeth, with Extension Guide 14 to 24 in. or 22 to 28 in.	35.00

Average Weight Each 117 Pounds.
One in a Case

EXTENSION SWING GUIDE ICE PLOWS

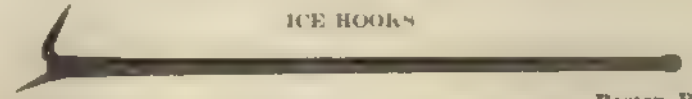


Best Tempered Tool Steel, Patent Extension Swing Guide.	Each
No. 400— 8 in., 7 Cutting Teeth, 22x32 in. Patent Extension Swing Guide	$65 50
No. 401— 8 in., 7 Cutting Teeth, 22x32 in. Patent Extension Swing Guide	72 50
No. 402—10 in., 6 Cutting Teeth, 22x32 in., Patent Extension Swing Guide	78 00

In extending the guide the strong braced parts are boldly moved and it is therefore the strongest construction that can be employed. The guide handle is also adjustable, so that the plow can always stand plumb and the greatest ease of throwing the guide is thus acquired

Average Weight Each 150 Pounds.

ICE HOOKS



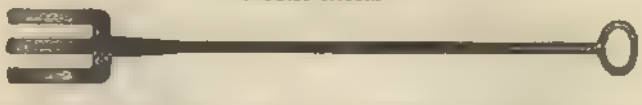
New York Pattern. No. 330—Best Stock, Heavily Steeled, Narrow Points.			
Length, Feet	3	3½	4
Wt Per Dozen, Lbs	28	31	34
Per Dozen	$12 50	12 75	13 00
Length, Feet	4½	5	6
Wt. Per Dozen, Lbs.	37	40	46
Per Dozen	$13.25	13.75	14.50

Boston Pattern. No. 331—Best Stock, Heavily Steeled Wide Points, ¾ in. Face.				
Length, Feet	7	8	10	12
Wt Per Dozen, Lbs	55	61	74	86
Per Dozen	$15.50	16.75	19 25	21.75
Length, Feet		14	16	18
Wt. Per Dozen, Lbs.		98	112	124
Per Dozen		$24 75	27 50	30.25

The Puller or Pusher can be bent cold to any angle desired by properly placing the part between the jaws of a vise if standard angle needs to be varied for individual use.

ICE TOOLS

FORK BARS



No. 451—Three Flat Tines, 10 in. Long, Fork 6 in. Wide, Ring Handle 4 ft. 10½ in. Long Over All... Each .$5 75
These Bars are used for breaking strips from floats.
Weight Each 13 Pounds.

NEEDLE BARS

No. 484—Tempered Tool Steel Blade, 1 in. Steel Ring Handle, 4 ft. 10½ in. Long Over All... Each $3 25
A light tool for splitting off cakes in the canal and where the plow grooving is well done it is effective.
Weight Each 15 Pounds.

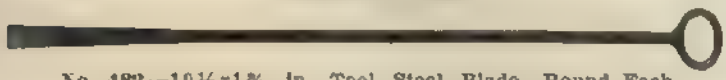
SPLITTING CHISELS

No. 476—4 ft. 6 in. Long, 10½x3 in. Steel Blade, Ring Handle ..... Each .$3 75
Used to split off single cakes either in the canal or on the platform. Handy for general use
Weight Each 14 Pounds.

SAW TOOTH SPLITTING CHISELS

No. 481—10½x3 in. Tool Steel Blade, 1 in. Round Steel Ring Handle, 4½ ft. Long Over All..... Each .$4 25
This type of Splitting Chisel is very effective when the grooves are not of sufficient depth or have become frozen.
Weight Each 14 Pounds

TAPPING BARS



No. 482—10½x1¾ in. Tool Steel Blade, Round Steel Ring Handle, 4½ ft. Long Over All.....$3 75 Each
Especially adapted for wetting down a field of ice after a snow fall, as it has a narrow cutting blade, leaving a small hole
Weight Each 13 Pounds.

SUMMER BARS

No. 460—12x4¾ in. Heavy Tool Steel Blade, Curved Round Knob Handle, 4 ft. 4 in. Long Over All..$7.00 Each
Made with a slight curved blade. Used for cutting around and lifting the cakes in the ice house.
Weight Each 17 Pounds.

SIEVE SHOVELS

No. 506—40 in. Wood Handle, 17x14 in. Shovel...$2.50 Each
Used for removing slush from canal
Weight Each 7 Pounds.

ICE AUGERS

No. 510—1½ in. Diameter, 4 ft. Long Over All....$5.00 Each
Used in making holes, through which to measure the ice, also to insert pins for stretching lines, towing floats, etc
Weight Each 6 Pounds.

SCOOP NETS

No. 505—5 ft. Wood Handle, 15 in. Hoop, Steel Chain Net ..... Each $5 00
Used for removing slush from canal.
Weight Each 7 Pounds.

MEASURING RODS

No. 512—Polished Iron, Notched in 1 in. Notches up to 24 in..... Each .$0 75
Catches at bottom side of hole made by the ice auger and the thickness of ice is shown at once.
Weight Each 1½ Pounds

ICE TOOLS

POLE GRAPPLES

Each

No. 433—8 in. Drop, Steel, with Handle $6.00

Used to draw cakes of ice up an incline by horse or steam power in the absence of elevator machinery.

Weight Each 13 Pounds.

JACK GRAPPLES

Each

No. 436—8 In. Drop, Steel.... $6.00

Used to draw cakes of ice up an incline by horse or steam power in the absence of elevator machinery.

Weight Each 19 Pounds

ICE TONGS

COMMON

Steel Points, Plain Steel Handles.

Nos.	0	1	2	3
Span, Inches	11	14	17	20
Wt. Per Dozen, Lbs.	30	36	48	56
Per Dozen	$18 00	23 00	27 00	32 00

Nos.	4	5	6
Span, Inches	24	26	30
Wt. Per Dozen, Lbs.	62	70	78
Per Dozen	$37 00	48 00	72 00

NEW YORK PATTERN

High Carbon Tool Steel, Hollow Handles.

Nos.	102	Extra Grade 104
Span, Inches	16½	20
Weight Per Dozen, Lbs.	39	44
Per Dozen	$18 00	20.00

ELY'S FAMILY

No. 140—Tool Steel Jaws, Diamond Points, Wrought Steel Handles

Span, Inches	12
Weight Per Dozen, Lbs.	12
Per Dozen	$4 00

ELY'S DUPLEX JOINT

No. 148—Tool Steel Jaws, with Carefully Tempered Diamond Points, Solid Steel Swell Handles.

Span, Inches	18
Weight Per Dozen Lbs.	29
Per Dozen	$6 50

ELY'S DUPLEX JOINT

No. 146—Tool Steel Jaws, with Carefully Tempered Diamond Points, Wood Handles.

Span, Inches	24	28
Wt. Dozen, Lbs.	48	70
Per Dozen	$11.00	12 00

DRAG OR STOWING TONGS

Per Dozen

No. 585—Drop Forged Steel, Points ¾ in. Wide, Painted Red, Solid Handles $82.00

Used for stowing ice in the winter and for moving it in the house in summer

Weight Per Dozen 96 Pounds.

AMERICAN MADE "QUALITY" COMPASSES

"LITENITE" FOR DAY OR NIGHT

NO. 13 LITENITE

The North and South points are prepared with a [illegible] compound, permanently luminous, which can be plainly seen in the darkest nights.

The dial is of "floating" design and the magnetic needle is secured to the under side. When the dial settles all the magnetic directions are accurately indicated.

The center is jeweled and the [illegible] will lock jewel and [illegible] to prevent wear.

No. 13. White metal [illegible] $2 00

During the [illegible] in the condition they are [illegible] the luminous points will appear quite bright and will increase in luminosity [illegible]

NO. 17 CEEBYNITE

"CEEBYNITE"

No. 17S. A "[illegible]" in nursing [illegible] front 1½ inches $3 00

No. 17G. A "[illegible]" in nursing [illegible] front 1 inches 5 00

SHORT & MASON'S ENGLISH COMPASSES

MILITARY PATTERN

Short & Mason make the finest and most accurate compasses in the world. Our supply of the well known Mariner Compass is [illegible] being manufactured by the Government.

No. 66. Bronze metal case with hinged cover, silvered metal dial, with full [illegible] bar needle, jeweled [illegible] needle stop [illegible] by cover. 1¾-inch [illegible] $5 00

No. 67. Like No. 66 but with 2 inch [illegible] 7 00

No. 69. Of [illegible] No. 66, but fitted with [illegible], luminous North and South points and luminous line in [illegible] 2 in. $9 00

"BOY SCOUT" ALUMINUM COMPASS

The [illegible] aluminum case [illegible] product [illegible] cover are [illegible] the diameter of the latter being 1¾ inches. [illegible] floating" pattern, [illegible] the magnetic directions with [illegible].

No. B8. Weight [illegible] $ 30

MARBLE'S HANDY COMPASS

This compass [illegible] fits in the [illegible] of coin [illegible] pocket, vest or belt, and is always in sight. It [illegible] and [illegible] the magnetic directions [illegible]. Boxes are 1¼ inch diameter. The [illegible] plainly and can be read at a glance. When [illegible] have it in sight.

No. 182. [illegible] Net $1 15

No. 082. [illegible] Net 1 35

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

AMERICAN MADE "QUALITY" COMPASSES

NO 10 LEEDAWL

LEEDAWL

The trouble has been that good compasses cost too much for many to afford and cheap ones were unsatisfactory.

The "Leedawl" solves the problem of a guaranteed compass, at a price within the reach of all

Its jeweled needle, untarnishable silvered metal dial, heavy and tempered steel point, screw stop, non-tarnishing white-metal case, which cannot tarnish, and snap-in beveled crystal glass, are features that cannot be found in any other compass selling at so low a price.

No 10. Front 1¼ in. . $1 00

NO 11 MAGNAPOLE

MAGNAPOLE

The solid and delicate bar needle of the Magnapole is carefully magnetized and tempered, so that it will retain its magnetism indefinitely

The jeweled center is carefully adjusted and with care will last a lifetime, while the white enamel dial enables the divisions and figures to be easily read.

The improved idea of lifting the needle off the point when not in use also prevents dust and moisture getting to the inside, making a thoroughly accurate and guaranteed instrument

No 11. Front 1¼ in. . $1 50

NO 12 FLODIAL

FLODIAL

A floating dial compass offers advantages over those having their dials fixed, as you can tell at a glance all "compal" directions.

Flodialcompasseshave dials of aluminum, and the unique construction of the white metal case makes them practically dust and moisture proof.

Bevel crystal glass, jeweled center and "stop" arrangement, to lock needle and dial when not in use, to prevent unnecessary wear. The "Flodial" is a popular model and is reasonably priced.

No. 12. Front 1¼ in. . $1.50

GYDAWL

Same style as Leedawl, but in hunter case $2 00

AURAPOLE

Same style as Magnapole, but in hunter case . $2 50

MERADIAL

Same style as Flodial, but in hunter case. . . . $2 50

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

INGERSOLL WATCHES

Watches are illustrated about ¾ size

YANKEE

JUNIOR

RELIANCE

"YANKEE"

The Yankee is now full size stem wind and pendant set, and is fitted with the improved 16-size (man's size) movement, the finest ever used in a watch of its price. Case is smaller and thinner than any previous model, and has a close fitting snap back and bezel that is substantial, dust and moisture proof.

No **Y.** Nickel case..... **$1 00** No **YG.** Gun metal finish **$1 00**
No **Y3.** With luminous dial **2 00** No **Y5.** With luminous dial **2 00**

"TRIUMPH"

A new 13 size, low priced watch with the refinements of higher priced models. Fitted with antique bow, open face, snap back and dust proof bezel.

No **T.** Nickel case **$1 25** No **TG.** Gun metal finish **$1 25**

"ECLIPSE"

There isn't a better timekeeper made than the Eclipse. It is thinner and weighs less than formerly, which gives it very graceful and attractive lines. It has a solid nickel case with snap back and bezel exactly fitting

No **E.** Nickel case **$2 00** No **EG.** Gun metal finish **$2 00**

"RELIANCE"

The Reliance is a 7 jewel thin ridge model and is a very accurate timer. The movement is solid or "bridge" type of construction as employed in the best watches. The Reliance gives this type of movement for the first time in a low priced watch. It is the watch for those who want something a little better—more accurate—than a non-jewelled Ingersoll

No **R.** Nickel, plain or engine turned..... **$3 00**

"JUNIOR"

The Junior is what is known as a 12 size watch. It measures 1¾ inches across and is very thin and compact. As a timekeeper it is extremely accurate and reliable, strong and serviceable, and its appearance very attractive

No **J.** Nickel case **$2 50** No **JG.** Gun metal finish **$2 50**

"MIDGET"

This dainty little watch is the first high grade timepiece of its kind ever sold at a popular price. It is just what the average woman or boy needs—an attractive and serviceable watch that is not too delicate and does not get out of order easily.

No **M** Nickel case **$2 50** No **MG.** Gun metal finish **$2 50**
No. **M4.** Sterling Silver **4 00** No **M5.** Gold Filled **5 00**

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

SMITH & WESSON REVOLVERS

The mechanical excellence of Smith & Wesson revolvers is recognized the world over. But one reason why they are so much used in the construction is the best obtainable. The accuracy of [illegible] are [illegible] and the results [illegible] [illegible] with these when [illegible] is checked.

The [illegible] Metal Patched Bullets manufactured [illegible] but we strongly advise against their use and will not guarantee our Revolvers when used with such ammunition.

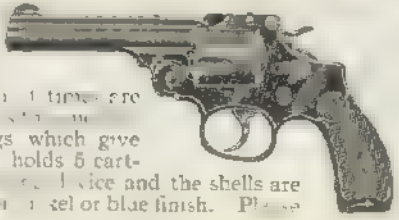
DOUBLE ACTION, .32 CALIBRE

This model, the "Double Action" has an automatic shell extractor and rebounding hammer. This is the popular, light weight pocket arm. Please state which finish is wanted, whether blued or nickel plate

No. 40. .32 calibre, 3-in. barrel, [illegible] $14 00

Pearl stock on this model, extra, $3 00

PERFECTED MODEL. .38 CALIBRE



The Perfected model is supplied with a heavier frame than the S. & W. Double Action model, and guard are one piece as are the barrel and front sight. In place of the flat springs which [illegible] are a great source of trouble in ordinary revolvers, this is fitted with the strong, spiral springs which give indefinite service. The cylinder, which holds 5 cartridges, is equipped with the S. & W. [illegible] device and the shells are automatically ejected. Supplied with nickel or blue finish. Please state which [illegible] wanted

No. 45. .38 calibre, 3¼, 4 or 6-inch barrel, rubber stock..... $16 00

Pearl stock on this model, extra, $3 00

SAFETY HAMMERLESS

In the Hammerless Safety Revolvers the liabilities to accidents are [illegible] first, by placing the hammer entirely within the lock frame so that no external force can affect it, and second, by so arranging the trigger and safety lever that the hammer cannot be operated except at the instant of the firing. Made in blued or nickel finish, with [illegible] and rebounding lock. The cylinder holds 5 cartridges

No. 46. .32 calibre, 3-inch barrel, rubber stock $15 50

No. 47. .38 calibre, 3¼, 4 or 6-inch barrel, rubber stock..... 16 50

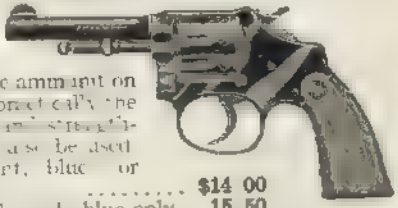
Pearl stock on No. 46, $3.00; No. 47, $3 25, extra

Delivery is Prepaid in U. S. if Cash is Sent with Order at Above Prices

SMITH & WESSON REVOLVERS

These are made with solid frames, swing out cylinders, and hand ejectors.

PERFECTED .22 CALIBRE



This is a small calibre, 7 shot, revolver so constructed that an easy pull is obtained. Supplied with square wood grip which fits the hand nicely. The ammunition best suited is the 22 S. & W. which is practically the 22 long rifle cartridge, slightly reduced and specially designed. Regular 22 short cartridge may also be used.

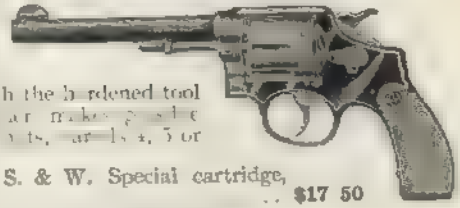
No. **48.** 3 or 4-inch barrel, solid sight, blue or nickel finish **$14 00**

No. **48T.** 6-inch barrel, target sights and stock, blue only. **15 50**

Extra for Pearl Stock on No. 48 or 48T $4 50

No. **48H.** Heavy frame 6-inch barrel, target sights and stock, blue finish **$18 50**

MILITARY AND POLICE MODEL, ROUND BUTT



The front lock is operated by a thumb-piece, making a most perfect locking mechanism. All wear is automatically overcome, and the face of the cylinder in connection with the hardened tool steel bushings make a gas and powder tight closer joints with barrel. Furnished in 3, 4, 5 or 6-inch barrels, blue or nickel finish.

No. **51.** For .38 Long Colt's or S. & W. Special cartridge, Rubber stock **$17 50**

Pearl Stock on this model, extra $4 00

.32 CALIBRE HAND EJECTOR

Similar to the .38 Military Model, but chambered and adapted to regular .32 calibre S. & W. long central fire cartridge.

No. **49** 3½, 4, or 6-inch barrel. Rubber stock, blue or nickel finish **$16 50**

MILITARY AND POLICE MODEL SQUARE BUTT

This new style is identical with the No. 51 except that it is fitted with square top frame of checkered walnut, making a firmer grip. Blued or nickel.

No. **53.** For .32-20 Hand Ejector. 4, 5, or 6-inch barrels..... **$18 50**

No. **54** For .38 Long Colt's or S. & W. Special cartridges **18 50**

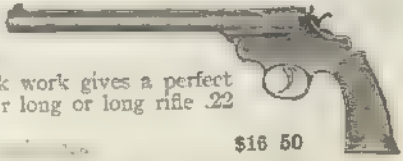
MILITARY MODEL .44 CALIBRE

The Military Model is chambered for the .44 S. & W. Special, although the .44 S. & W. Russian cartridge may be used with good results.

No. **55.** .44 S. & W. Special, or .44 Russian. Blued or Nickel-finish.. .... **$20 00**

No. **56.** With target sights and checked rubber stock only **28 50**

PERFECTED SINGLE SHOT .22 CALIBRE

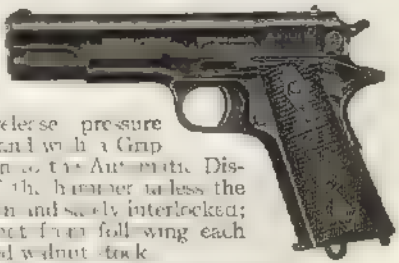


This arm supersedes the old model and is much improved. The new lock work gives a perfect pull and the balance is excellent. For long or long rifle .22 calibre cartridges.

No. **57T.** 10-inch Blue finish barrel, with rear sight **$16 50**

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

COLT GOVERNMENT MODEL AUTOMATIC PISTOL



This model proved its superiority in Accuracy, Reliability, Simplicity and Durability, 6,000 consecutive shots being fired from one pistol without a jam, misfire or broken part.

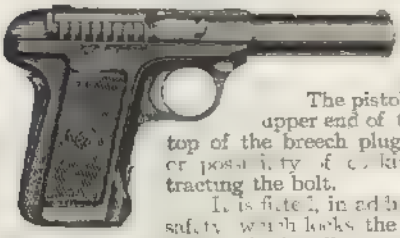
It is provided with a magazine release pressure upon which ejects the empty magazine, and with a Grip Safety and Slide Lock Safety in addition to the Automatic Disconnecter, which prevents the release of the hammer unless the slide and barrel are in the forward position and safely interlocked; this device prevents more than one shot from following each pull of the trigger. Blue finish, checkered walnut stock.

Capacity of magazine 7 shots, barrel 5 inches, weight 39 ounces.

No. **34.** For .45 U. S. Govt. 230 Gr. or .45 Colt's Auto. Cartridges.... **$22 00**

Extra Magazine for .45 U. S. Govt. Automatic 7 shot $1 00.

THE SAVAGE AUTOMATIC PISTOL



Shoots either the Colt's or Savage Automatic rimless, smokeless cartridge with a full metal cased or soft point bullet. Blue finish, rubber stocks.

The pistol in its new model is hammerless, with the upper end of the cocking lever covered and the entire top of the breech plug enclosed, which prevents the necessity or possibility of cocking or uncocking the pistol without retracting the bolt.

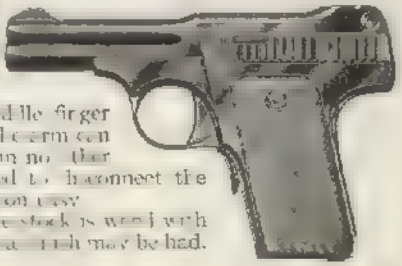
It is fitted, in addition to its regular safety, with a Grip safety which locks the trigger and makes it impossible to discharge the arm unless the handle is grasped firmly by the shooter's hand, and it is also provided with a simple and effective Bolt Stop which holds the action open when the last cartridge is fired.

No. **S32.** .32 cal., 3½ in. barrel, 10 shot, weight 19 oz. **$15 00**

No. **380.** .380 cal., 3¾ in. barrel, 9 shot, weight 21 oz. **16 00**

Extra Magazine .32 cal. **$ 50** .380 cal. **$ 50** Special Leather Holster **$ 75**

SMITH & WESSON AUTOMATIC PISTOL



A special feature of this pistol is the two simple and effective safety devices. One is the non-automatic safety cam which locks the sear; the other the automatic sear-locking device requiring two distinct movements by the middle finger—first transverse, then inward—before the arm can be discharged. Another feature, found in no other automatic, is the bolt release catch used to disconnect the heavy recoil spring, thus making perfect easy.

The regular barrel is 3½ inches, the stock is wood with sand panel checking and other target or blued finish may be had. Magazine capacity 7 cartridges.

No. **A35.** .32 cal. metal cased or soft point cartridges. **$16 50**

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

WESTLEY-RICHARDS' ENGLISH GUNS

Westley-Richards' guns are handmade throughout. No two guns are just alike, each gun has an individuality of its own, which can only be appreciated by the bestowal of personal skill and a trained craftsman's eye. No machine can give these and other desirable features of the English handmade weapon.

As the price increases, a like increase in the quality of material and the attachment to these finer parts follow. The lowest priced weapon is a well constructed, reliable arm that any sportsman may be proud to own, but it isn't of such good quality and the workmanship as the higher priced guns.

A special "Westley-Richards" catalog will be sent upon request. Please state whether you are interested in Double Barrel, "Ovundo," or Drop Guns.

WESTLEY-RICHARDS' DOUBLE BARREL GUNS

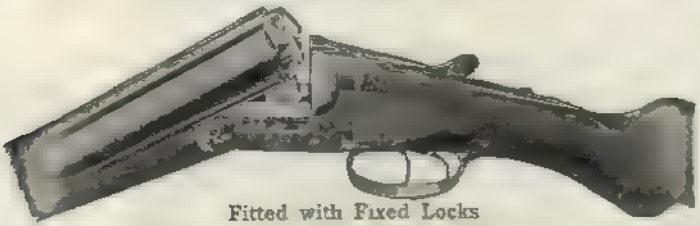
"TRAVERS" GRADE, DOUBLE TRIGGER MODEL, ENGRAVED

Fitted with Hand Detachable Locks

Designed to meet the taste of those gentlemen who require an up-to-date fine made English gun of reasonable price, of medium weight and finished throughout, with a refined style of engraving. Fitted with steel barrels, and hand detachable locks, two triggers, Anson & Deeley hammerless action, Scott under lugs and cross bolt, side clips on stock extension, Deeley-Edge forend, snap ornaments, panels, fully engraved with scroll work, straight checkered pistol grip stock.

No. T. Gauges, 20, 16 and 12. Length of barrels, 26 to 32 inches... **$227.50**

"FEDERAL" GRADE, DOUBLE TRIGGER MODEL, PLAIN FINISH



Fitted with Fixed Locks

Steel barrels, finely bored, fitted with Westley-Richards' self-raising ejector mechanism, automatic recoil safety block, hammer, solid cone pin, Deeley-Edge fore-end bolt, plain hollow rib, neatly border engraving, straight or pistol grip, checkered walnut stock and forend, checkered horn heel plate, silver steel pistol shooting plate, gun stocked. While low in price, the "Federal" has behind it many of the features that go to make the reliability and hard shooting qualities unsurpassed by any other arm, save only the highest grades of Westley-Richards.

No. F. Gauge 16 and 12. Length of barrels, 28 or 30 inches... **$127.75**

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

WESTLEY-RICHARDS' DOUBLE BARREL GUNS

Gauges 12, 16 or 20, full or modified choke or cylinder bore, 26 to 32-inch barrels, weight according to length and size and individual taste. Straight or half pistol grip as ordered. All models fitted with automatic ejectors.

QUALITY "G" ENGRAVED, SINGLE TRIGGER MODEL

Fitted with Hand Detachable Locks

One trigger, Westley Richards patent top fastening double under grip, rocker safety and cocking lifter. Westley-Richards special steel barrels, Deeley Edge fore-end bolt, fancy checkered [illegible] walnut stock and fore-end, engine turned rib, frame, beautifully engraved.

No. G.	"Quality G" hand detachable locks and single trigger	$295 75
No. S.	"Special Quality," hand detachable locks and single trigger	329 00
No. B.	"Best Quality," hand detachable locks and single trigger	441 00

"FOWLER" GRADE, PLAIN FINISH, SINGLE TRIGGER

For sportsmen who want the same patent hand-detachable locks and one-trigger mechanism as is used in the better grade guns, at a low price. To meet this demand, we offer this gun, which is finished in the plainest manner, so that nearly all the cost is put into the material and actual mechanical parts. A thoroughly reliable gun in every way. Special steel barrels, engine turned rib, [illegible] engraving plain checkering and finish. Dee[illegible] edge fore-end snap.

No. FP.	With hand detachable locks, [illegible] and one trigger	$224 00

WESTLEY-RICHARDS' "OVUNDO" GUNS

The vertical sighting of the barrels, more than one place of side by side, places the [illegible] in a direct line with the centre of the butt plate, the recoil thereby being carried to the shoulder in a direct line. [illegible] tends to lessen or absorb the vibration. The disposition of the barrels offers considerable advantage in carrying over the ordinary side by side gun. In the "Ovundo" the distinctive breadth of the barrels is reduced, permitting the hand to be seen right up to the muzzle, giving the gunner a clear sight.

The "Ovundo" commends itself both as an excellent Field and Trap Gun. It combines all the advantages of the single barrel for trap shooting and can be made with barrels of 32 inch and modified choke, either of which can be used at will, a boon to the gunner which no single barrel can confer.

The "Ovundo" gun balances beautifully owing to the disposition of the weight, and great ease of handling is superior to that of the side-by-side gun.

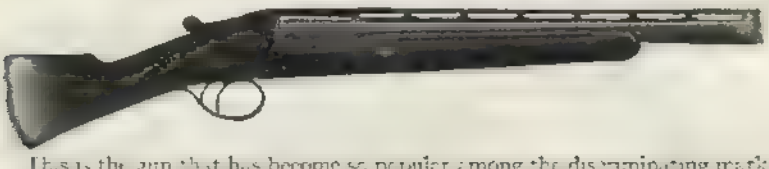
"Ovundo" Over and Under Guns are Made in Three Grades

Gauges, 12, 16, 20 and 28, single trigger, hand detachable locks, ventilated rib, **$14.70** extra for Grades "SO" and "HO." Special catalog upon request.

No. SO.	"Special Quality" Over and Under Gun	$420 00
No. BO.	"Best Quality" Over and Under Gun	514 50
No. HO.	"Highest Quality" Over and Under Gun	595 00

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

WESTLEY-RICHARDS' SINGLE BARREL TRAP GUNS



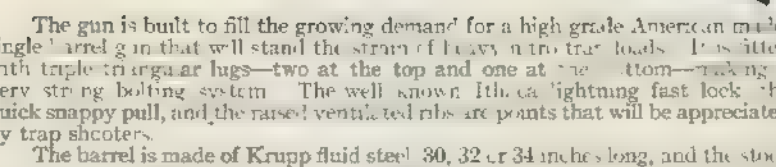
This is the gun that has become so popular among the discriminating marksmen and is the standard by which other high grade trap guns are judged. Owing to its perfect balance, beauty of design and reliability under heavy shooting it is the favorite of all who have handled this really remarkable gun. It "goes to the shoulder" naturally, points easily and with its special choke boring makes unsurpassed killing patterns.

Top lever hammerless action, with or without automatic safety slide, extra long and thick forend, with an extra steady ing loop, straight hand, half pistol or full pistol grip. The elevated ventilated rib presents a level surface of arm which overcomes the objection of the sloping barrel usually adopted in single barrel constructions and eliminates the range raised by the heating of the barrel. Bends and weights as desired. Regular lengths of barrels 30 and 32 inches, 34-inch barrels $7.00 extra.

No. **A1.**	Double bolt, engraved frame, non ejector	**$132 30**
No. **B1.**	Treble bite, beautifully engraved, automatic ejector	**175 00**
No. **C1.**	Special finish and engraving, treble bite, automatic ejector	**245 00**

EXTRAS: Rubber Anti-recoil heelplate **$7 00** Check piece **$5 25**

ITHACA SINGLE BARREL TRAP GUN



The gun is built to fill the growing demand for a high grade American made, single barrel gun that will stand the strain of heavy nitro trap loads. It is fitted with triple triangular lugs—two at the top and one at the bottom—making a very strong bolting system. The well known Ithaca lightning fast lock, the quick snappy pull, and the raised ventilated rib are points that will be appreciated by trap shooters.

The barrel is made of Krupp fluid steel 30, 32 or 34 inches long, and the stock is made from selected walnut of a beautiful figure. The frame and guard are engraved by hand with game scenes, giving a rich appearance to the gun. Dimensions of stock to suit individual requirements, with either straight or pistol grip. All grades are fitted with automatic ejectors.

No. **4T.**	12 gauge only, weight 7 lbs. 10 oz. to 8¼ lbs.	**$ 85 00**
No. **5T.**	More elaborately engraved and decorated than No. 4T	**160 00**

EXTRAS: Lyman Ivory Sights **$1 50** Rubber Recoil Pad **$5.00**

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

Surveyors' Instruments

ENGINEERS' AND SURVEYORS' TRANSIT

No. 1900

Black Japanned, Graduations on Brass and Silvered. Designed to Meet the Requirements of the Highest Class of the Engineering Profession. Particularly Adapted for Brige Building, City and Land Surveying and Hydraulic Work

SPECIFICATIONS

Telescope—Length 12 inches, magnifying power 25 diameters. Lenses of best optical quality, aperture of objective lens 1¼ inches, with maximum light and fine definition. Telescope is balanced and reverses at both ends. Telescope axis of rigid design and constructed of hard bell metal. Line of collimation true for all distances. Eye-piece provided with improved micrometer arrangement for focusing cross-hairs. Object slide and eye-piece are provided with dust protectors. Telescope shows object erect. Fixed stadia hairs reading 1' in 100'.

Standards—Phosphor bronze, of rigid design, well ribbed to reduce weight.

Horizontal Circle—6⅞ inches in diameter to inside edge of graduation, graduated to ½ degrees with lines of uniform thickness. Marked with two rows of figures, one reading from 0 to 180 each way the other from 0 to 360. Figures inclined in direction they are to be read.

Verniers—Two, double, reading to single minutes and exactly opposite, placed at an angle of 30 degrees to line of sight, figures inclined in direction they are to be read

Compass—Graduated to ½ degrees and figured from 0 to 90 on each side of north and south. Improved hollow oval steel needle, jeweled center and perfectly balanced

Plate Levels—One, 2¼ inches long, other 1½ inches, extra sensitive, very carefully ground and divided to allow a precise leveling up.

Tangent Screws—Phosphor bronze of improved design with opposing spiral spring.

Centers—3½ inches long. Inner is made of bell metal. Intermediate of gun metal and outer of phosphor bronze perfectly tapered and fitted.

Leveling Head—Improved design. Well ribbed. Four leveling screws, shifting center.

Weight—Instrument 13 lbs. Tripod 12 lbs.

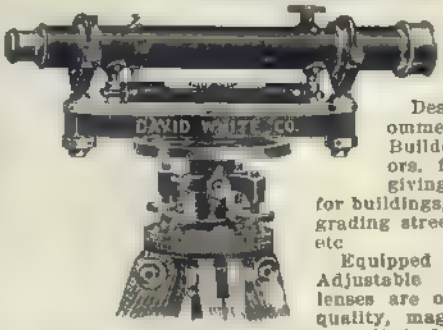
Equipment—Highly polished mahogany case with strap, fine grained white ash split leg tripod with boot-spurs, magnifying glass, sunshade, plumb-bob, screw driver and adjusting pins.

	Each
No. 1900—(See Illustration)	$300 00
No. 1902—Same as No 1900, Provided with Sensitive Level to Telescope, Clamp and Tangent Screw	320.00
No. 1904—Same as No 1902, Provided with 5 in. Full Vertical Circle or Arc, Graduated to ½ Degrees, with Double Vernier Reading to Single Minutes, Circle Numbered from 0 to 90 in Quadrants	360 00

Weight Each Ready for Shipment About 35 Pounds.

No 2018

ARCHITECTS' LEVELS WHITE'S IMPROVED



Designed for and recommended to Architects, Builders and Contractors, for leveling walls, giving lines and levels for buildings, laying out angles, grading streets, sewers, drains, etc

Equipped with 12 in. long Adjustable Telescope. The lenses are of the best optical quality, magnifying power 25 diameters. Aperture of object is 1¼ inches. Instrument is provided with four leveling screws and clamp to spindle. The Y's have an improved locking arrangement dispensing with the old-fashioned pin bolts. The center is made of hard bell metal, extra long and well tapered. It also has a horizontal circle 4½ inches in diameter fitted to the upper end of the socket and turns readily upon it, thus allowing it to be set at zero at any given point. The circle is graduated from 0 to 90 degrees each way and has a vernier reading to 5 minutes, which is screwed to the flange of the center. The telescope is of fine definition and is focused by rack and pinion of improved form. The eye-piece turns in a spiral-like manner, which enables a more precise focusing of the cross-hairs. The instrument can be placed either upon a tripod or a small triangular plate called a trivit, having three sharp steel points by which it can be firmly set upon any surface of wood or stone. Both tripod and trivit are furnished with each level. The level vial is extra long, very carefully ground and is graduated on the glass.

	Each
No. 2011—Complete, Packed Erect Ready for Use in Polished Hardwood Box with Strap, Containing Full Directions for Use, Together with Screw Capped Bob, Sun Shade, Dust Cap and Adjusting Pins	$ 75.00
No. 2012—Same as No. 2011, with a Clamp and Tangent Movement, thus Enabling the Instrument to be Clamped More Securely and a Movement in a Horizontal Plane to be Made More Accurately	83 25
No. 2013—Same as No. 2011, with 3 in Needle Compass; this Instrument will be Found Very Serviceable as a Ready Means of Determining the Bearing of Lines or of Measuring Angles by the Needle; the Compass is Graduated to Degrees, Figured from 0 to 90 on Each Side of North and South, Graduations and Inside of Face of Compass Silvered, Magnetic Needle 3 in. Long, Made of Finest Tempered Oval Steel Tubing and is Perfectly Balanced	100.00
No. 2014—Same as No 2013, with the Exception that it is Supplied with a Clamp and Tangent Movement, thus Enabling the Instrument to be Clamped More Securely and a Movement in a Horizontal Plane to be Made More Accurately	108 25

Weight Each Ready for Shipment About 28 Pounds

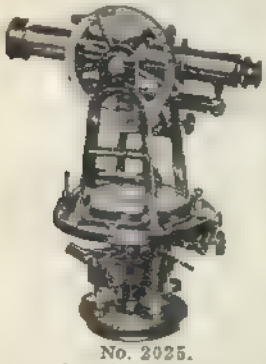
ARCHITECTS' TILTING LEVELS WHITE'S IMPROVED

No. 2018—Designed Same as No. 2011, Provided with an Attachment by which Sights 45 Degrees Above and Below the Horizontal Line can be Taken; the Attachment is a Small Set of U-Shaped Standards Screwed into the Center of the Level Bar and when not in Use can Readily be Removed; this Instrument, Therefore, Permits of a Wider Range of Work than can be Done with the Ordinary Level; the Axle on the Telescope is Permanently Fixed, thus Insuring Accuracy, and does not Interfere when Instrument is Used as an Ordinary Level	$ 91.75
No. 2019—Same as No. 2018, Provided with a Clamp and Tangent Screw, Enabling the Instrument to be Clamped More Securely and a Movement in a Horizontal Plane to be Made with Greater Accuracy	100.00

Weight Each Ready for Shipment About 28 Pounds

Surveying Instruments

RECONNOISANCE OR BUILDERS' TRANSIT



No. 2025.

WHITE'S IMPROVED

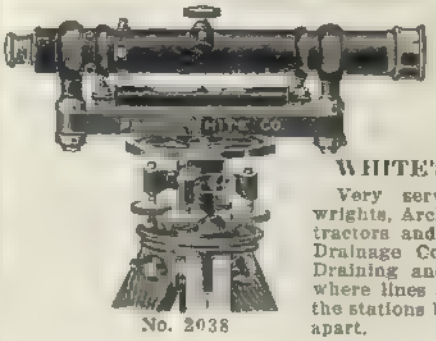
Designed for light and moderately accurate work. Especially recommended to the building contractor for taking angles, leveling foundations, examining walls in course of construction, giving lines and levels for buildings, etc. Also recommended to engineers for all preliminary work

The No 2022 has a telescope 9¾ in. long with magnifying power 22 diameters, with dust cap and sunshade. Lenses are of the very best optical quality. Aperture of object lens 1⅜ in. Improved rack and pinion movement to objective lens for focusing object. Micrometer motion to eye-piece (improved form) for precise focusing of cross-hairs, long ground level to telescope, graduated on the glass. Telescope reversible from both ends. Horizontal limb 5⅞ in in diameter, divided to ½ degrees, with one vernier reading to single minutes. Plate levels ground and graduated to allow a precise leveling up. Clamp and tangent screw to plate and telescope. All tangent screws provided with counter springs. Four leveling screws and shifting center. Instrument stands erect in highly polished mahogany case with carrying straps, provided with plumb bob, magnifying glass, adjusting pins and white ash split leg tripod with boot spurs.

	Each
No. 2022—As Described Above	$170.00
No. 2023—Same as No. 2022, Provided with 4⅛ in Vertical Circle Divided to ½ Degrees, with Vernier Reading to Single Minutes	190 00
No. 2024—Same as No. 2022, Provided with 3¾ in. Needle Compass Divided to ½ Degrees and Numbered 0 to 90 Each Side of the North and South	210 00
No. 2025—Same as No. 2023, Provided with 3¾ in Needle, Compass Divided to ½ Degrees and Numbered 0 to 90 Each Side of the North and South	230 00

Weight Each, Ready for Shipment, 30 Pounds.

DUMPY LEVEL



No. 2038

WHITE'S IMPROVED

Very serviceable for Millwrights, Architects, Mason Contractors and Builders, also for Drainage Contractors for Tile Draining and other operations where lines are to be run with the stations but a short distance apart.

The No. 2038 has a telescope 12 in. long, with magnifying power 25 diameters. Aperture of objective lens 1¼ in. Horizontal circle 4½ in. in diameter and graduated from 0 to 90 degrees each way, with vernier reading to 5 minutes. The circle can be set at zero at any given point. Center is extra long and well tapered and is made of hard bell metal. Telescope is of fine definition and the objective lens is focused by rack and pinion of improved make. Improved eye-piece for precise focusing of the Cross Hairs. Telescope Yokes are of best composition metal, permanently fixed, thus insuring greater stability. Tripod is made of best seasoned hardwood. A metal trivit having three sharp steel points, for placing the level on any surface of wood or stone, together with hardwood tripod, is furnished with each instrument. Level vial is extra long, carefully ground and is graduated on the glass. Instrument packed erect, ready for use, in polished hardwood box with strap, containing full directions for use, together with screw capped plumb bob, sunshade, dust cap and adjusting pins.

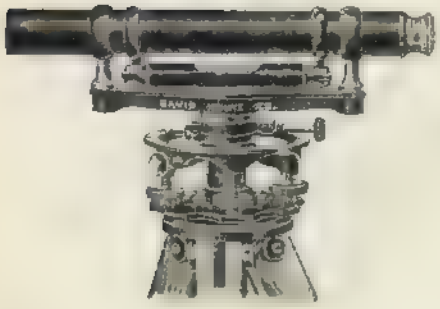
	Each
No. 2038—As Described Above	$71.10
No. 2039—Same as No. 2038, Provided with a Clamp and Tangent Movement, Enabling Instrument to be Clamped More Securely and a Movement in a Horizontal Plane to be Made More Accurately	80.00

Weight Each, Ready for Shipment, 30 Pounds.

DRAINAGE LEVELS

WHITE'S IMPROVED

Especially serviceable for the Drainage Contractor and Building Contractor as well as the Farmer, Landscape Gardener, etc



Specifications.

Telescope—10 in. long, magnifying power is 18 diameters. Object lens 1 in. in diameter. Object is focused by pulling eye-piece in and out. Fixed sunshade, cross-hairs visible at all times. Telescope level 3½ in. long

Cross-Bar—6¼ in. long Well ribbed to reduce weight.

Horizontal Circle—4 in. in diameter, graduated to degrees and numbered from from 0 to 90 each way with vernier reading to single degrees. Circle and body are cast in one piece thus insuring stability Vernier is movable for the purpose of setting same at zero at any given point.

Leveling Head—Substantial design with 4 leveling screws and clamp to spindle.

Finish—Durable black trimmed with yellow brass.

Weight—Instrument, 3½ pounds. Tripod, 3½ pounds.

	Each
No. 2060—Packed Whole and Stands Erect in Hardwood Case, Provided with Lock, Strong Leather Strap and Contains Plumb Bob and Adjusting Pin, Seasoned Hardwood Tripod	$50.65
No. 2062—Same as No. 2060, without Horizontal Circle.	41.75

Weight Each, Ready for Shipment, About 15 Pounds.

SURVEYORS' VERNIER COMPASS

WHITE'S IMPROVED

	Each
No. 2115—Aluminum, with 4 in. Needle, Mounted on Jeweled Bearings, Made of Tempered Oval Steel Tubing, Perfectly Balanced, Graduated on Raised Ring to Degrees, with Movable Variation Ring and Vernier Reading to 5 Minutes, Folding Sights, Two Levels, Compass Figured from 0 to 90 Each Side of North and South, Ball and Socket Joint and Mounting for Jacob Staff, Complete in Stitched Sole Leather Case with Shoulder Straps	$47.25

Weight Each 4 Pounds

Leveling Instruments

BUILDERS' LEVELS BOSTROM'S

Made Entirely of Brass, Highly Lacquered and Finished. Each

No. 3B—Achromatic Telescope Magnifying Lenses, Graduated Circle Divided into 360 Degrees, Numbered from Zero to 90 Degrees in Both Directions, Giving Zero Points on Opposite Sides of Circle, Has Clamping Screw for Holding in Any Position, Has a Ground Level Vial, Complete Outfit Includes Level and Telescope with Neat Oak Box, Tripod, Graduated Rod, Target and Plumb Bob, with Full Instructions for Adjusting and Operating $47.20

Weight Complete 15 Pounds.

This Level is an instrument containing the rare qualities of simplicity, accuracy, efficiency, compactness and durability at extremely moderate cost.

One in a Box.

FARM LEVELS BOSTROM'S

Brass Face Plate and Turret.

Each

No. 2B—Achromatic Telescope Magnifying Lenses, Complete Outfit Includes Level with Telescope, Etc., in Neat Wood Box, Yellow Pine Tripod, Sliding Target Rod, Target and Plumb Bob, with Full Instructions..... $28.30

The Bostrom Farm Level enables a person to read the cross on the target at a distance of over 400 yards. It is welcomed by land owners for draining, irrigating, fencing, grading, road building, leveling foundations, etc.

One in a Box

STARRETT'S

Japanned Iron Frame and Tripod, Extension Legs, Nickel Plated Tubes, Level Case and Graduated Arc.

Each

No. 101A—Weight Each 13¾ Lbs. $20 85

No. 101B—With Ground Vial in Level, Weight Each 13¾ Lbs. 23.85

Designed for the use of architects, contractors, millwrights, masons, surveyors, etc

The tripod is of iron, and has improved extension legs. The upper parts are hollow, to receive within them the lower parts, which may be held at any desired length by clamp screws

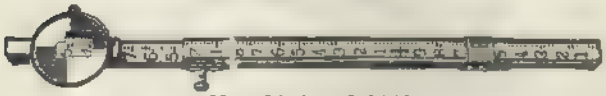
The upper plate is connected to the tripod head by a ball and socket joint and can be leveled by the leveling screws This plate is recessed to contain a graduated arc below its upper surface, and has a center stud on which the arc and level turn. The graduated arc is of steel, and has on it one half of a circumference divided to degrees and properly numbered. This arc turns on the center stud of the upper plate, independent of the level or sight tube.

The sight tube is a brass tube 12 in. long, and in one end is a small eye aperture, while the other end has the usual cross wires.

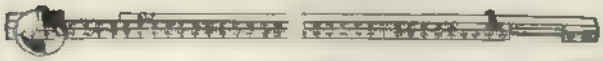
One in a Box.

Surveying Instruments

LEVELING RODS



Nos. 2140 and 2142



No 2143

Each

No. 2140—**Heavy Philadelphia Leveling Rod**, Divided into Feet, 10ths and 100ths, Vernier Reading to 1000ths, with Target Vernier and Clamp, 7 ft. Long, Sliding Out to 13 ft., Weight Each About 15 Lbs..... $28 80

No. 2142—**Light Philadelphia Leveling Rod**, Divided into Feet, 10ths and 100ths, Vernier Reading to 1000ths, with Target Vernier and Clamp, 6½ ft. Long, Sliding Out to 12 ft., Weight Each About 15 Lbs..... 26 50

No. 2143—**Architect's Rod**, Divided to 1 in. and ⅛ in., Brass Mounted, with Target and Clamp, 5½ ft. Long, Sliding Out to 10 ft. 6 in., Weight Each About 8 Lbs..... 11 35

No. 2143B—**Architect's Rod**, Same as No. 2143, but Divided into Feet, 10ths and 100ths, Weight Each About 8 Lbs . . . 11 35

ARROWS

No. 2218

Per Set

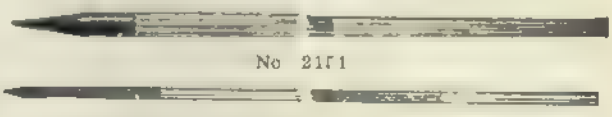
No. 2218—Steel Arrows, 11 in Set, 10 in. Long, W. G. 6, Weight Per Set About 1½ Lbs. $2 35

No. 2220—Steel Arrows, 11 in Set, 14 in. Long, W. G. 6, Weight Per Set About 2 Lbs 2 90

No. 2222—Iron Arrows, 11 in Set, 14 in. Long, W. G. 10, Weight Per Set About 2 Lbs. 1.45

One Set in a Bundle

RANGING POLES



No 2151

No. 2153

Painted Red and White Alternately Every Foot.

Length, Feet	5	6	8	10
No. 2150—Round, Wood.....Each,	$3 35	$3 80	4.25	4.75
No. 2151—Octagonal, Wood...Each,	3.35	3 80	4 25	4.75
No. 2152—Tubular, Iron .....Each,	....	5.25	5.75	6.25
No. 2153—Octagonal, Steel, ½ in . . Each,	....	5.25	5.75	6.25

Approximate Weight Each 5 Pounds.

Open Stock

MEASURING CHAINS

No. 2224.

Steel, W. G. 12, Brazed Links and Rings, Brass Handle.

Nos.	2224	2226	2228	2230
Feet	33	50	66	100
Wt. Each, Lbs..	5	8	10	16
Each	$10 45	11 35	18 90	21.75

Steel, W. G. 12, Oval Rings, Brass Handles.

Nos.	2232	2234	2236	2238
Feet	33	50	66	100
Wt. Each, Lbs..	5	8	10	16
Each	$6.70	8.55	12 85	15.10

Iron, W. G. 8, Oval Rings, Brass Handles.

Nos.	2240	2242	2244	2246
Feet	33	50	66	100
Wt. Each, Lbs..	6	8	10	15
Each	$4 80	6.70	8.10	10 45

OILS, LUBRICANTS, RUST PREVENTATIVES

MANY-USE OIL — THREE-IN-ONE — NITRO-SOLVENT

"Many-use" oil not only lubricates but prevents rust, cleans and polishes. The oval can is a convenient size to carry in gun case or pocket.

No. 2C. 2-oz. round can		$ 10
No. 4C. 4-oz. round can		15
No. 5C. 3½-oz. oval can		20

"Three-in-One" does three things: cleans, lubricates, prevents rust and does each perfectly. It is the "three-in-one" oil you have heard about.

No. 32. Small bottle, 1 oz		$ 10
No. 31. Medium size, 3 oz		20
No. 30. Handy can, 5 oz		45
No. 29. Oval can, 3½ oz		25

MARBLE'S NITRO-SOLVENT OIL

A wonderful oil for quick cleaning, preventing rust and removing the fouling of black and smokeless powders, and killing metal poisons. It is a mixture of different chemicals with three of the finest oils.

No. 244. 2-oz. bottle	$ 25	
No. 644. 5-oz. can		$ 50

MOBILUBRICANT

Many sportsmen dispense with bulky cartridges in the lubricant before firing as a precaution against freezing. Used by the Ordnance Department, U. S. Army, Peary and Scott Arctic Expeditions, Tournaments. Suitable for all purposes where a solidified oil is required.

No. 29. Per can. 1 lb.	$ 25	

Postage 10c

HOPPE'S NITRO-SOLVENT

Will not injure metal, but will soften and loosen metal fouling and lead. Will not injure the finest rifle barrel in any way. Is equal as a rust preventative. Is not combined with oils and is not a lubricant. A perfect solvent for cleaning high power rifles, shotguns and revolvers and small calibre rifles as well.

No. 9. 2-oz. Bottle		$ .35

COROL ANTI-RUST COMPOUND

"COROL"

This is a Swiss compound of the consistency of a yellow grease. Use on rifles when putting up for a rainy day in the woods. Any metal lightly coated with "Corol" and exposed to all weather will stay bright for months and free from rust.

No. 45. Tubes	$ 15	
No. 25. 2-ounce cans		$ .35

We Do Not Send Oils by Mail Nor Do We Prepay Delivery

Attractive New Swiss Watches--Flat Models

These are Unique Style with Novelty Features and Immensely Popular with Premium Men and Schemists.

Prices are Net Cash

No. J15756. Men's Fine White Mother of Pearl Watch. Very pretty, new flat model, antique bow and crown, snap front, snap back, fancy gold hands, white or gold, dial with neat color tinting in the figure zone, good jeweled Swiss nickel movement; a very attractive and genteel open face watch. Decidedly unique and a watch that appeals strongly to every person who sees it; should be a seller of the first type with any dealer; 16 size. Each.. 3.25

"THE ROSKOPF SYSTEM" WATCHES
With Slip-Cog Winding Gear, preventing overwinding and spring breaking.

No. J15757. Roskopf System Watch, 16 size, plain polished German silver case, antique crown and bow, stem wind, slug set, lever movement, hinge back, inside glass cap. Excellent running and timekeeping watch. Movement is constructed with a safety slip cog which prevents overwinding or breaking of spring. Each..... .85

No. J15758. As above, 18 size, in gun metal, good reliable watch for any man. Each..... .85

No. J15759. Men's Gold Plated Watch, new thin model, antique bow and crown, open face, jointed, plain finish, gold dial, sunray pattern, black figures and hands; a good jewel cylinder movement. This is one of the newest style 16 size watches made, especially adapted for premium purpose. Each 1.45

No. J15760. With white dial. 1.45

No. J15761. Men's 8 Day Watch, 16 size, gun metal case, visible escapement in lower half of dial, upper half with fancy decorations, stem wind and push pin set, 7 jeweled lever movement. Runs 8 days with one winding. Each 2.75

No. W18446. As above, in gold filled case, warranted to wear 10 years. Each 4.95

No. J15762. Our Trusty Gun Metal Alarm Watch, 16 size, highly polished gun metal case fitted with a perfectly reliable alarm watch movement, filling all requirements of a watch and alarm at the same time. Jointed back inside cap, gilt bow and crown, white dial; you can't fail to wake up on time and you won't forget appointments if you carry one of these watches. Neatest and best. Each 3.40

No. J15763. Calendar Watch, gun metal case, tinted and gold decorated enamel dial, with four sub dials showing day of the week, month of the year and date of the month, the second dial also showing in perspective the phases of the moon, each dial has individual and independent setting gear, hinge front and back, inside glass cap, 7 jewel lever, exposed winding wheel, nickel movement, well finished; a handsome watch all around, stem wind and set. Each 2.75

Electro Gold Plated Watch Cases

All our electro gold plated cases are produced by the largest and best makers in the country and the fancy designs are the best to be had, in many instances being copies of designs used on high grade gold filled cases.

Prices quoted on this page are for cases only

0 Size

No. W16510. Hunting, antique bow. Each ..... .36

6 Size

No. W16511. Hunting, antique bow. Each ..... .36

16 Size

No. W16512. Hunting, antique bow. Each ..... .36

16 Size

No. W16513. Open Face, screw back and bezel, antique bow. Each ..... .36

18 Size

No. W16514. Hunting, antique bow. Each ..... .36

18 Size

No. W16515. Open Face, screw back and bezel case, round bow. Each ..... .35

HORSE SHOES

BURDEN

EXTRA LIGHT, IRON

FRONT

Nos.	0	1	2	3	4	5	6	7
Weight Each, Ozs.	10½	13	15	18	22	25½	31¼	37
No. of Shoes in Keg.	153	123	107	89	73	63	51	43

No. 2 and Larger, All Weights.....Per Keg, $..
No. 1 and Smaller .....Extra Per Keg. .
One Hundred Pounds in a Keg.

HIND

Nos.	0	1	2	3	4	5	6	7
Weight Each, Ozs.	9	10½	13	16	19½	23¼	27½	32½
No. of Shoes in Keg.	177	152	123	100	82	69	58	49

No. 2 and Larger, All Weights.....Per Keg, $...
No. 1 and Smaller .....Extra Per Keg. ... .
One Hundred Pounds in a Keg.

EXTRA LIGHT LONG HEEL, IRON

FRONT

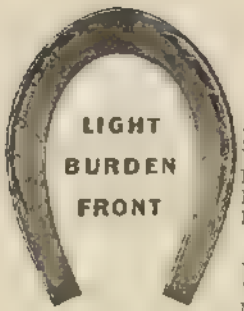
Nos.	2	3	4	5	6	7
Weight Each, Ozs.	15⅝	19½	23⅝	27¾	33¼	39½
No of Shoes in Keg . .	98	82	68	58	48	41

No. 2 and Larger, All Weights.....Per Keg, $....
One Hundred Pounds in a Keg

HIND

Nos.	2	3	4	5	6	7
Weight Each, Ozs.	14¼	17⅝	21½	25½	29½	34½
No. of Shoes in Keg.	112	92	74	63	54	46

No. 2 and Larger, All Weights.....Per Keg, $. . .
One Hundred Pounds in a Keg.



LIGHT, IRON

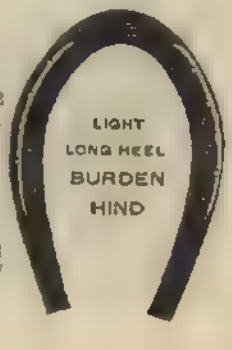
FRONT

Nos.	0	1	2	3	4	5	6	7
Weight Each, Ozs.	12	14¼	17½	21	25	30	36	43
No. of Shoes in Keg.	133	110	91	76	64	53	44	37

No. 2 and Larger, All Weights.....Per Keg, $.....
No. 1 and Smaller . . . . . .Extra Per Keg.
One Hundred Pounds in a Keg.

Nos.	0	1	2	3	4	5	6	7
Weight Each, Ozs.	10	12	15	18	22½	27	31½	35
No. of Shoes in Keg.	160	133	107	89	71	59	51	46

No. 2 and Larger, All Weights.....Per Keg, $.
No. 1 and Smaller .....Extra Per Keg. .
One Hundred Pounds in a Keg.



LIGHT LONG HEEL, IRON

FRONT

Nos.	2	2	4	5	6	7	8
Weight Each, Ozs.	18½	23	27	33	39	46	52
No. of Shoes in Keg.	86	70	59	48	41	35	31

No. 2 and Larger, All Weights. . . . . Per Keg, $
One Hundred Pounds in a Keg

HIND

Nos.	2	3	4	5	6	7	8
Weight Each Ozs.	16½	20½	25½	31	35½	40	43
No. of Shoes in Keg.	97	78	63	52	46	40	37

No. 2 and Larger, All Weights. . . . . Per Keg, $.....
One Hundred Pounds in a Keg.

HORSE SHOES

BURDEN

MEDIUM, IRON

FRONT

Nos.	1	2	3	4	5	6	7	8	Long Heel 8
Weight Each, Oz.	17	20	24	29	35	41	49	59	61
No. of Shoes in Keg.	94	80	67	55	46	39	33	27	26

No. 2 and Larger, All Weights . . . . . Per Keg. $. . .
No. 1 . . . . . Extra, Per Keg. . . .

One Hundred Pounds in a Keg

HIND

Nos.	1	2	3	4	5	6	7	8	Long Heel 8
Weight Each, Oz.	14	17	21	26	30	35	40	50½	53
No. of Shoes in Keg.	114	94	76	62	53	46	40	32	30

No. 2 and Larger, All Weights . . . . . Per Keg. $. . .
No. 1 . . . . . Extra, Per Keg. . . .

One Hundred Pounds in a Keg

CITY, IRON

FRONT

Nos.	3	4	5	6	7
Weight Each, Oz.	26	31	35	43	51
No. of Shoes in Keg.	62	52	46	37	31

No. 3 and Larger, All Weights . . . . . Per Keg. $. .

One Hundred Pounds in a Keg

HIND

Nos.	3	4	5	6	7
Weight Each, Oz.	21	27	32	35	38
No. of Shoes in Keg.	76	59	50	46	42

No. 3 and Larger, All Weights . . . . . Per Keg. $.

One Hundred Pounds in a Keg.

CITY LONG HEEL, IRON

FRONT

Nos.	3	4	5	6	7
Weight Each, Oz.	28	35	39	47	54
No of Shoes in Keg.	57	46	41	34	30

No 3 and Larger, All Weights . . . . . Per Keg. $

One Hundred Pounds in a Keg.

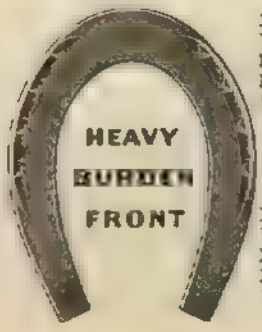
HIND

Nos.	3	4	5	6	7
Weight Each, Oz.	24	29	34	40	43
No. of Shoes in Keg.	67	55	47	40	37

No. 3 and Larger, All Weights . . . . . Per Keg. $. . . .

One Hundred Pounds in a Keg

HEAVY, IRON



FRONT

Nos.	1	2	3	4	5	6	7
Weight Each, Oz.	19	23	28	33	38	45	51
No of Shoes in Keg.	84	70	57	48	42	36	31

No 2 and Larger, All Weights . . . . . Per Keg. $. .
No 1 . . . . . Extra, Per Keg. .

One Hundred Pounds in a Keg.

HIND

Nos.	1	2	3	4	5	6	7
Weight Each, Oz.	15	18	23	28	33	36	38
No. of Shoes in Keg.	107	89	70	57	48	44	42

No 2 and Larger, All Weights . . . . . Per Keg. $
No 1 . . . . . Extra, Per Keg. .

One Hundred Pounds in a Keg.

HORSE SHOES

BURDEN

EASY OR SNOW, IRON

FRONT

Nos.	0	1	2	3	4	5	6	7	8
Weight Each, Ozs.	10	12	15	18	23	26	29	32	46
No. of Shoes in Keg	160	133	107	89	73	62	55	50	38

No. 2 and Larger, All Weights.....Per Keg, $.....
No. 1 and Smaller .....Extra, Per Keg, ...
One Hundred Pounds in a Keg

HIND

Nos.	0	1	2	3	4	5	6	7	8
Weight Each, Ozs.	8½	10	12½	16	19	22	26	30	42
No. of Shoes in Keg	188	160	128	100	84	73	62	53	38

No. 2 and Larger, All Weights .....Per Keg, $.....
No. 1 and Smaller .....Extra, Per Keg, ...
One Hundred Pounds in a Keg

BURDEN MULE SHOES

IRON

Nos.	0	1	2	3	4	5	6
Weight Each, Ozs.	8	10	13	16	20	25	26
No. of Shoes in Keg.	200	160	123	100	80	64	62

No. 2 and Larger, All Weights .....Per Keg, $.....
No. 1 and Smaller .....Extra, Per Keg, ...

NEVERSLIP HORSE SHOES

B PATTERN, IRON

Drilled.

The best Iron Shoe on the market for general utility purposes. This Shoe is made of selected stock, double refined, and is creased to prevent snow from balling in hoof.

Front or Hind.

Nos.	0	1	2	3	4
Wt. Front Shoe, Ozs.	11	12	15	17	21
Drilled for Calk, In.	⅜	⅜	7/16	7/16	½
No. Shoes in Keg	145	133	107	89	73
Per Pound	$...	...	...	...	...

Nos.	5	6	7	8
Wt. Front Shoe, Ozs.	29	32	36	42
Drilled for Calk, In.	7/16	½	½	½
No. Shoes in Keg	55	50	44	38
Per Pound	$...	...	...	...

100 Pounds in a Keg

Calked with Nos. 1 or 4 Calks.

Nos.	0	1	2	3	4
Per Set of Four	$....	....	....	....	....

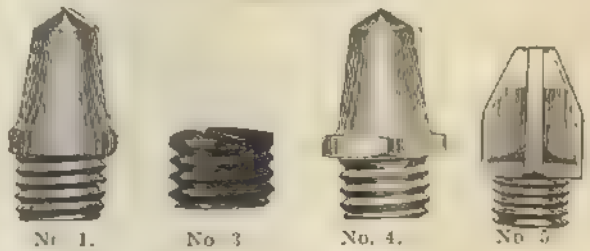
Nos.	5	6	7	8
Per Set of Four	$....	....	....	....

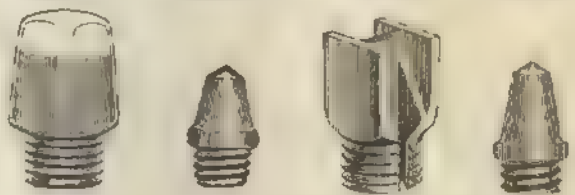
Five Sets in a Box.

Note—In Ordering Calked Shoes, Specify whether No. 1 or No. 4 Calks are Wanted.

NEVERSLIP CALKS

RED TIP





Nos. 1, 3, 4, 6, Speedway and Pad.

Size, Inches	7/16	½	9/16	⅝	¾	⅞
Per 100	$...	...	...	...	...	...

No. 5 and Keystone.

Size, Inches	7/16	½	9/16	⅝	¾	⅞
Per 100	$....	...	...	...	...	...

Nos. 1 and 4 Red Tip Calks are hard center self-sharpening calks and are adapted for use on icy streets.

No. 3 Slotted Headless Screws are used only when no calks are required.

No. 5 Calk is for use on asphalt, brick or any other hard pavement.

No. 6 Calk is used for hard bare ground or city streets. It is also a valuable calk for heavy or summer work.

Speedway is used for horses shod with light shoes.

Pad Calk is gotten out strictly for city use and when used in conjunction with Rubber Pad will be found a most effective medium for protecting a horse on slippery city streets.

The Keystone Calk can be used with success with or without snow and ice and is a favorite with many horse owners

Fifty in a Box.

NEVERSLIP DRIVE HORSE SHOES

CREASED STEEL.

DRIVING

DRAFT

Drop Forged Highest Grade Steel, Nail Holes Punched Clean, with Strong Toe Clip.

FRONT OR HIND

Drilled, with Two Holes for Calks in Toe.

Nos.	2	3	4	5
Weight Each, Ozs.	13	15½	18½	26
For Calks, Inches.	7/16	½	½	9/16
No. to a Keg.	123	103	87	62
Per Pound	$....	....	....	....
Nos.		6	7	8
Weight Each, Ozs.		30	33	36
For Calks, Inches.		5/8	5/8	5/8
No. to a Keg.		50	46	42
Per Pound		$....	....	....

100 Pounds in a Keg.

Calks, Two Calks in Toe.

Nos.	2	3	4	5	6	7	8
Per Set of 4..	$....	....	....	....	....	....	....

Five Sets in a Box.

The Hoof Side of the Driving Shoe has proportioned bevel.

FRONT OR HIND

Drilled, with Two Holes for Calks in Toe.

Nos.	5	6	7	8
Weight Each, Ozs.	31	37	40	43
For Calks, Inches.	5/8	5/8	5/8	5/8
No. Shoes to a Keg.	52	43	40	37
Per Pound	$			

100 Pounds in a Keg.

Calks, Two Calks in Toe.

Nos.	5	6	7	8
Per Set of 4	$....	....	....	....

Five Sets in a Box

The Draft Shoe is concaved inside.

NEVERSLIP DRIVE CALKS

Sharp.

Blunt.

Sharp or Blunt.

Best Quality Special Steel. Shaped Like a Wedge. Will Effectually Prevent Slipping, Either Forward or Sideways, on Smooth Pavements. Neverslip Drive Calks will Wear Evenly and Stay Sharp to the End

Size, Inches	7/16	½	9/16	5/8
Per 100	$....	....	....	....

These are the best shaped Drive Calks on the market. They are the only machined Drive Calks offered for sale, which means that they can be guaranteed as to size up to 1/1000 of an inch, which is impossible in any other make.

Fifty in a Box.

GREEN BAY CALKS

SHARP, DRIVE

Tool Steel, Very Sharp.

Size, Inches.	7/16	½	9/16	5/8
Per 100....	$....	....	....	....

In Green Bay Calks the newly discovered method for hardening, permits us to offer the hardest, toughest, most unbreakable and longest wearing calks ever produced.

Fifty in a Box.

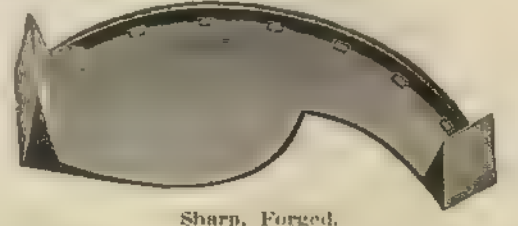
OX SHOES

SCRANTON PATTERN

Blunt, Forged.

Nos.	1	2	3	4
Length, Inches	4½	5	5½	6
Wt. Per Set of 8 Pairs, Lbs.	4¼	5¾	7	8¼
Per Pound	$....	....	....	....

Fifty Pounds in a Box, One-half Each Right and Left.



Sharp, Forged.

Nos.	1	2	3	4
Length, Inches	4½	5	5½	6
Wt. Per Set of 8 Pairs Lbs	4¼	5¾	7	8¼
Per Pound	$....	....	....	....

Fifty Pounds in a Box, One-half Each Right and Left.

WRENCHES

AGRICULTURAL

Black Finish.

One Piece Drop Forged Steel, Head and Bar, Easy Acting Screw, Thoroughly Seasoned Hardwood Handle.

Length, Inches	6	8	10	12	15
Opens, Inches	⅝	1 1/16	1 1/16	1 ⅜	2 1/16
Wt. Dozen, Lbs.	9	16	25	40	53
Per Dozen	$10.00	12.00	14.00	18 00	24.00

One-half Dozen in a Box

B. & C.

Black Finish.

Forged Special Open Hearth Steel Bar with Oval Front and Back, Very Tough Semi-Steel Slide, Solid High Grade Steel Screw, One Piece Handle Frame and Bolster with Riveted Hardwood Sides.

Length, Inches	6	8	10	12	15	18
Opens, Inches	⅞	1 ¼	1 ⅝	2 ¼	2 ⅝	3
Wt. Dozen, Lbs.	8 ½	14 ½	30	40	56	78
Per Dozen	$10.00	12.00	14.00	18.00	24 00	32.00

One-half Dozen in a Box

COE'S KNIFE HANDLE

Black Finish.

Hardened Special Steel Bar, Hardened Semi-Steel Jaws, Hardened One-Piece Steel Screw, Cast Semi-Steel Handle Frame with Riveted Hardwood Sides

Length, Inches	6	8	10	12
Opens, Inches	⅝	1 1/16	1 ⅝	2 ¼
Weight Dozen, Lbs.	9	15	26	40
Per Dozen	$10.00	12 00	14 00	18.00

Length, Inches	15	18	21
Opens, Inches	2 ⅝	3 ⅛	3 ⅝
Weight Dozen, Lbs.	58	79	107
Per Dozen	$24.00	32.00	39.00

COE'S STEEL HANDLE

Black Finish.

Hardened Special Steel Bar, Hardened Semi-Steel Jaws, Hardened One-Piece Steel Screw, Steel Handle

Note—12 in. and Larger Have Ball Bearing Screw.

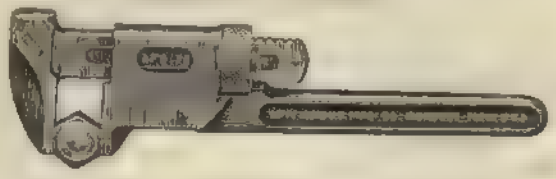
Length, Inches	6	8	10	12
Opens, Inches	⅝	1 1/16	1 ⅝	2 ¼
Weight Dozen, Lbs.	9	16	28	44
Per Dozen	$10 00	12.00	14 00	18.00

Length, Inches	15	18	21
Opens, Inches	2 ½	2 ⅞	4 ⅛
Weight Dozen, Lbs.	64	89	125
Per Dozen	$24 00	32 00	39 00

6 to 12 in., One-half Dozen; 15 and 18 in., One-third Dozen; 21 in., One-twelfth Dozen in a Box.

TRIMO 1912 PATTERN

Showing Nut Guards Separate.



Nut with Guards Inserted.

Polished.

Drop Forged Bar Steel Handle Frame and Jaws, with Steel Nut Guard Preventing Accidental Rotation of the Adjusting Nut in Close Quarter Work.

Length, Inches	6	8	10	12	15	18
Opens, Inches	⅝	1 1/16	1 ⅝	2 ⅛	2 ⅝	3 ¼
Weight Each, Lbs.	⅛	1 ¼	1 ⅞	3 ¼	5	7
Per Dozen	$11.50	12 50	15 00	19.00	30 00	36.00

One-half Dozen in a Box

COE'S KEY MODEL

Made of Heavy Steel Forgings, Fully Hardened.

Will not batter and jam a large nut as will a chain wrench. Will not slip or make trouble and will take anything within its opening capacity, no matter whether square or hexagon.

Length, Inches	28	36	48
Opens, Inches	5 ⅛	6 ¼	9 ½
Weight Each, Lbs.	19	28	62
Each	$9.75	19.00	47 00

Open Stock.

WRENCH PIPE JAWS

YANKEE

Can be Instantly Attached to Any Monkey Wrench, Converting it into a Pipe Tool. Tool Steel Polished and Hardened.

	Per Dozen
No. 217—For All Size Wrenches Up to and Including 15 in., Weight Per Dozen 3¾ Lbs	$4 00

Open Stock.

WRENCHES

BILLINGS & SPENCER

ENGINEERS' SINGLE HEAD

Finished.

For United States Standard Nuts and Hexagon Head Cap Screws

15 Degree Angle, Drop Forged Steel, Milled Openings.

Finished Wrenches have Openings Milled, are Polished All Over, and are Hardened and Treated with a Special Black Finish

Nos.	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009
Length, Inches	3	4	4	5	5	5½	6½	6½	6½	7½
U. S. S. Bolt, Inches	⅛	¼	⅜	⅜	⅜	⅜	⅜	⅜	⅜	⅜
Hexagon Head Cap Screws, Inches	..	..	¼	⅜	⅜	⅜	⅜	½	½	½
Openings, Inches	⅛	¼	½	½	½	⅝	⅝	⅝	⅝	⅝
Thickness of Head, Inches	15/64	¼	⅜	⅜	⅜	⅜	⅜	⅜	⅜	⅜
Each	$0.22	.25	.26	.28	.30	.32	.32	.38	.38	.45

Nos.	1010	1011	1012	1013	1014	1015	1016	1017	1018
Length, Inches	7½	8	8½	8½	9¼	11	11	13	13
U. S. S. Bolt, Inches	..	½	½	..	⅝	..	¾	..	⅞
Hexagon Head Cap Screw, Inches	..	⅝	⅝	⅝	..	⅞	1	1⅛	..
Openings, Inches	⅞	⅞	⅞	1	1⅛	1⅜	1⅜	1⅝	1⅞
Thickness of Head, Inches	⅝	⅝	⅝	⅝	⅝	⅞	⅞	⅞	1
Each	$0.45	.54	.65	.65	.83	1 06	1.06	1.53	1 52

ENGINEERS' DOUBLE HEAD.

Finished.

15 Degree Angle, Drop Forged Steel, Milled Openings.

Nos.	1100A	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110
Length, Inches	3½	4	4	4	4½	4⅝	4½	4½	4½	5	5	5
U. S. S. Bolt, Inches		⅜	⅜		⅜				⅜	⅜		
Hex. Head Cap Screw, Inches		⅜	⅜	⅜	⅜	⅜	⅜	⅜			⅜	⅜
Openings, Inches	¾	¾	¾	¾	¾	¾	¾	¾	¾	¾	¾	¾
Thickness of Head, Inches		⅜	⅜	⅜		⅜	⅜	⅜				
Each	$0 23	26	26	26	32	32	32	.32	32	38	38	38

Nos.	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122
Length, Inches	5	5	5	6	6	6	6	6	6¾	6¾	6¾	6¾
U. S. S. Bolt, Inches		⅜		⅜				⅜				
Hex. Head Cap Screw, Inches	¾	¾	¾		¾	¾	¾		¾	¾	¾	¾
Openings, Inches	⅞	⅞	⅞	⅞	⅞	⅞	⅞	⅞	⅞	⅞	⅞	⅞
Thickness of Heads, Inches		½		½				½				
Each	$0 38	38	38	46	46	46	46	46	56	.56	56	56

Nos.	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133
Length, Inches	7	7	7	7	7	7	7	7	7	7	7
U. S. S. Bolt, Inches	⅜	⅜				⅜	⅜			½	
Hex. Head Cap Screw, Inches			⅜	⅜	⅜			⅜	⅜		⅜
Openings, Inches	⅞	⅞	⅞	⅞	⅞	⅞	⅞	⅞	⅞	⅞	⅞
Thickness of Heads, Inches	½	½	½	½	½	½	½	½	½	½	½
Each	$0 50	68	68	68	.86	68	85	85	85	85	85

Nos.	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144
Length, Inches	10	10	10	11½	11	11½	11½	13	13½	13½	13½
U. S. S. Bolt, Inches	½	½	½	½	½	½	½	½	½	½	½
Hex. Head Cap Screw, Inches	½	½	½	½	½	½	½	½	½	½	½
Openings, Inches	⅞ 1⅛	⅞ 1⅛	1 1⅛	1 1⅛	¾ ⅞ 1 1⅛	1 1⅛	1 1⅛	1 1⅛ 1⅜	⅞ 1 1⅛ 1⅜	⅞ 1 1⅛ 1⅜	⅞ 1 1⅛ 1⅜
Thickness of Heads, Inches	⅝	⅝	⅝	⅝	⅝	⅝	⅝	⅝	⅝	⅝	⅝
Each	$1 08	1 08	1 08	1 40	1 40	1 40	1 40	1 90	1 90	1 90	1 90

Nos.	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155
Length, Inches	13½	13½	13½	16	16	16	18	18	18	21	21
U. S. S. Bolt, Inches	¾	⅞	⅞	1		1	⅞, 1	⅞, 1⅛	1	1, 1⅛	1, 1⅛	1⅛ 1¼
Hex. Head Cap Screws, Inches	1 1⅛		1, 1⅛		1⅛, 1¼			1¼				
Openings, Inches	1⅛ 1⅜	1¼, 1⅜	1¼, 1⅜	1⅜ 1⅝	1⅜ 1⅝	1⅜, 1⅝	1⅜, 1⅝	1⅜, 1⅝	1⅜, 1⅝	1⅝, 2	1⅝, 2
Thickness of Heads, Inches	½	½	½	½	½	½	½	½	½	½	½
Each	$1 80	1 90	1 90	2 60	2 80	2 60	3 50	3 50	3 50	4 70	4 70

Nos.	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166
Length, Inches	23	23	24	24	26	27	27	32	34	34	36
U. S. S. Bolt, Inches	1⅛ 1⅜	1¼ 1⅜	1¼, 1½	1¼ 1½	1⅜, 1⅝	1⅜, 1⅝	1⅜, 1⅝	1⅝, 1⅝	1⅝, 2	1¾, 2¼	2, 2¼
Hex. Head Cap Screws, Inches											
Openings, Inches	1⅞ 2¼	2 2⅛	2 2⅛	2⅛ 2⅜	2⅛, 2⅜	2⅜, 2⅝	2⅜, 2⅝	2⅝, 2⅝	2⅝, 3⅛	2¾, 3⅛	3 ⅛, 3½
Thickness of Head, Inches	1⅛	1⅛	1⅛	1⅛	1¼	1¾	1⅝	1⅝	1½	1⅝	1½
Each	$6 70	6 70	8 80	8 80	11 25	12 40	13 65	15 00	19 00	24 00	28 50

WRENCHES

BILLINGS & SPENCER.

DOUBLE HEAD "S."

Finished.

22½ Degree Angle, Drop Forged Steel, Milled Openings.

Finished Wrenches have Openings Milled, are Polished All Over, and are Nickel Plated. Treated with a Special Black Finish

Nos.	1400	1401	1402	1403	1404	1405	1406	1407	1408	1409	1410
Length, Inches	4	4	4	4	4	4	4	4	5	5	5
U. S. S. Bolt, Inches											
Hex. Head Cap Screws, Inches											
Openings, Inches											
Thickness of Heads, Inches											
Each	$0 32	32	32	32	32	32	32	32	42	42	42

Nos.	1411	1412	1413	1414	1415	1416	1417	1418	1419	1420	1421
Length, Inches	5	5	5	5	5	5	6	6	6	6	6
U. S. S. Bolt, Inches											
Hex. Head Cap Screws, Inches											
Openings, Inches											
Thickness of Heads, Inches											
Each	$0 42	42	42	42	42	56	56	56	56	56	56

Nos.	1422	1423	1424	1425	1426	1427	1428	1429	1430	1431	1432
Length, Inches	6	6	6	6	6	6	6	6	6	6	6
U. S. S. Bolt, Inches											
Hex Head Cap Screws, Inches											
Openings, Inches											
Thickness of Heads, Inches											
Each	$0 56	56	75	75	75	75	75	75	75	1 00	1 00

Nos.	1433	1434	1435	1436	1437	1438	1439	1440	1441	1442	1443
Length, Inches	9	9	9	9	10	10	10	10	10	10	10
U. S. S. Bolt, Inches											
Hex. Head Cap Screws, Inches											
Openings, Inches											
Thickness of Heads, Inches											
Each	$1 00	1 00	1 00	1 00	1 35	1 35	1 35	1 35	1 35	1 35	1 35

Nos.		1444	1445	1446	1447	1448	1449	1450	1451	1452	1453
Length, Inches		12	12	12	12	12	12	14	14	14	14
U. S. S. Bolt, Inches											
Hex. Head Cap Screws, Inches											
Openings, Inches											
Thickness of Heads, Inches											
Each		$1 80	1 80	1 80	1 80	1 80	1 80	3 20	3 20	3 20	3 20

TEXTILE DOUBLE HEAD.

Finished.

22½ Degree Angle, Drop Forged Steel, Milled Openings.

Nos.	1550	1551	1552	1553	1554	1555	1556	1557	1558	1559	1560	1561
Length, Inches	3	3										
U. S. S. Bolt, Inches												
Hex Head Cap Screws Inches												
Sq Head Cap Screws Inches												
Opening, Inches												
Thickness of Heads, Inches												
Each	$0 28	28	38	38	38	38	38	38	46	46	46	46

Nos.	1562	1563	1564	1565	1566	1567	1568	1569	1570	1571	1572
Length, Inches											
U. S. S. Bolt, Inches											
Hex. Head Cap Screws, Inches											
Sq. Head Cap Screws, Inches											
Openings, Inches											
Thickness of Heads, Inches											
Each	$0 46	46	46	60	60	60	60	60	78	78	78

Nos.	1573	1574	1575	1576	1577	1578	1579	1580	1581	1582	1583
Length, Inches	9	9	9	9	9	9	11	11	11	11	11
U. S. S. Bolt, Inches											
Hex. Head Cap Screws, Inches											
Sq Head Cap Screws, Inches											
Openings, Inches											
Thickness of Heads, Inches											
Each	$0 78	78	1 05	1 05	1 05	1 05	1 05	1 40	1 40	1 40	1 40

WRENCHES

BILLINGS & SPENCER.

CAR DOUBLE HEAD.

Unfinished.

22½ Degree Angle, Drop Forged Steel.

Unfinished Wrenches have Milled Openings. Otherwise are in Forged State.

Nos.	1800	1801	1802	1803	1804	1805	1806
Length, Inches	17	19	20	20	21	21	22
U. S. S. Bolt, Inches	⅝, ¾	⅝, ⅞	⅞, ⅞	⅞, ⅞	⅞, ⅞	⅞, ⅞	⅞, 1
Milled Openings, Inches	1⅛, 1½	1⅛, 1⅜	1⅛, 1⅜	1⅜, 1⅜	1⅜, 1⅜	1⅜, 1⅜	1⅜, 1⅜
Thickness of Heads, Inches	⅝	⅞	⅞	⅞	⅞	⅞	1
Each	$0 55	95	1 15	1 15	1 35	1.35	1.65

Nos.	1807	1808	1809	1810	1811	1812	1813
Length, Inches	22	23	23	24	24	25	25
U. S. S. Bolt, Inches	⅞, 1	⅞, 1⅛	1, 1⅛	1, 1⅛	1⅛, 1⅛	1⅛, 1⅛	1⅛, 1½
Milled Openings, Inches	1½, 1½	1½, 1⅝	1⅝, 1⅝	1⅝, 2⅛	1⅝, 2⅛	1⅝, 2⅛	2⅛, 2⅛
Thickness of Heads, Inches	⅝	¾	¾	⅞	⅞	¾	⅞
Each	$1 65	1.95	1.95	2 25	2 25	2 40	2.40

LIGHT GENERAL SERVICE.

For Automobiles, Carriage Makers and General Use.

A Light, but Strong, Powerful and Well Balanced Wrench.

Drop Forged Steel, Case Hardened, Milled Openings, Finished.

Finished Wrenches have Openings Milled, are Polished All Over and are Hardened and Treated with a Special Black Finish

Nos.	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Length, Inches	6⅛	6⅛	6¼	7	7⅛	7⅛	7⅛	7⅛	7⅛	7⅛	8⅛	8⅛
U. S. S. Bolt, Inches			⅝, ⅛		⅝,				⅝, ⅞			
Hex. Head Cap Screws, Inches	½, ⅝	½, ⅝	⅝	⅝, ¾		¾, ⅞	¾, ⅞	⅞, 1		⅞, 1	⅞, 1	⅞, 1½
Sq. Head Cap Screws, Inches.	⅜, ½	⅜, ½		½, ⅝		⅝, ¾	⅞, ⅞	⅞, 1		1, 1	⅞, 1	⅞, 1
Openings, Inches	⅝, ⅞	⅝, ⅞	⅞, 1½	⅞, 1	1, 1⅛	1⅛, 1½	1⅛, 1⅛	1½, 1⅝	1⅝, 1⅝	1⅝, 1⅝	1½, 1⅝	1½, 1¾
Thickness of Heads, Inches	½	½	½	½	½	½	½	½	½	½	½	½
Each	$0 38	.38	38	.47	47	47	47	47	47	47	58	58

Nos.	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Length, Inches	8¼	8⅛	8	8¼	8⅛	8⅛	8¼	9¼	9⅛	9	9⅛
U. S. S. Bolt, Inches				⅞, ⅞	⅞, ⅞						⅞, 1
Hex. Head Cap Screws, Inches.	⅝, ¾		⅜, ½				¾, 1	¾, 1	¾, ⅞		
Square Head Cap Screws, Inches	½, ½	½, ⅝	⅝, ⅝			½, ¾	½, ⅝		⅞, 1	⅞, ⅞	
Openings, Inches	⅝, ¾	⅝, ¾	⅝, ¾	¾, 1	⅞, 1	⅞, 1	⅞, 1	⅞, 1	1, 1¼	1¼, 1¼	1¼, 1¼
Thickness of Heads, Inches	½	½	½	½	½	½	½	⅝	⅝	⅝	⅝
Each	$0 58	.58	58	58	58	58	58	72	72	72	72

Nos.	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Length, Inches	9¼	9⅛	9⅛	9¼	10	10⅛	10	10	10⅛	10	10⅛
U. S. S. Bolt, Inches		⅞, 1				⅞, 1	1				
Hex. Head Cap Screws, Inches			1, ¾	1, ⅞				⅞, 1	⅞, ⅞		
Square Head Cap Screws, Inches		⅞, ⅞		⅞, 1							
Openings, Inches	1⅛, 1⅛	1⅛, ⅞	⅞, 1	⅞, 1	⅞, 1	1⅛, ⅞	1, 1	1⅛, 1	1, 1	⅞, 1⅛	⅞, 1⅛
Thickness of Heads, Inches	⅝	⅝	⅝	⅝	⅝	⅝		⅞	⅞	⅞	⅞
Each	$0.72	72	.72	72	90	90	90	90	90	90	90

Nos.	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
Length, Inches	10⅝	10⅝	12	12	12	12	12	12	12	12	12
U. S. S. Bolt, Inches	1, 1⅛		1⅛, 1¼			1⅛, 1¼	1⅛, 1¼			1¼, 1¼	
Hex. Head Cap Screws, Inches		1¼, 1⅜		1¼, 1⅜				1¼, 1⅜	1⅜, 1		1⅛, 1
Square Head Cap Screws, Inches											1⅛, 1
Openings, Inches	1⅛, 1⅛	1⅛, 1	1⅛, 1	1⅛, 1⅛	1⅛, 1	1⅛, 1⅛	1⅛, 1⅛	1 1⅛	1 1⅛	1 1⅛	1⅛, 1⅛
Thickness of Heads, Inches	⅞	⅞	⅞	⅞	⅞	⅞	⅞	⅞	⅞	⅞	⅞
Each	$0 90	90	1 30	1 30	1 30	1 30	1 30	1 30	1 30	1 30	1.30

COLT'S AUTOMATIC PISTOLS

POCKET MODEL, HAMMERLESS

This Model is now fitted with a Safety Disconnector, which when the magazine is withdrawn positively breaks all connection between trigger and sear so that if a cartridge is left in the barrel the arm can not be fired even if the trigger is pulled.

For the .25 Rimless Smokeless Cartridges.

Each

No. 125—.25 Caliber, Full Blued, Case-Hardened Trigger, Slide Lock Safety and Grip Safety, Rubber Stock, 2 in. Barrel, 6 Shots, Length Over All 4½ in., Weight 13 Oz.....$.

Equipped with Colt Automatic Grip Safety which prevents accidental discharge

POCKET MODEL, HAMMERLESS

For the 32 and 380 Rimless Smokeless Cartridge

Each

No. 132—.32 Caliber, Full Blued, 8 Shots, 3¾ in. Barrel, Rubber Stock, Length Over All 6¾ in. Weight 23 Oz.....$

No. 380—.380 Caliber, Full Blued, 7 Shots, 3¾ in. Barrel, Rubber Stock, Length Over All 6¾ in., Weight 23 Oz.....

Equipped with Colt Automatic Grip Safety. The action of this pistol is automatic except that the trigger must be pulled to fire each shot.

POCKET MODEL, HAMMER

For the 38 Rimless Smokeless Cartridges.

Each

No. 138—.38 Caliber, Full Blued, 7 Shots, 4½ in. Barrel, Rubber Stock, Length Over All 7½ in., Weight 32 Oz.....$.

GOVERNMENT MODEL

With Grip Safety and Safety Lock. The Most Powerful Automatic Pistol Made

For the .45 Rimless, Smokeless Cartridges.

Each

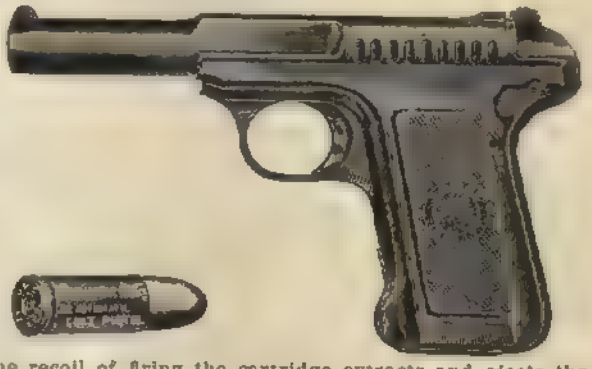
No. 145—.45 Caliber, Blued Finish, 7 Shots, 5 in Barrel, Checked Walnut Stock, Length Over All 8½ in., Weight 39 Oz.....$...

Adopted by the U. S. Government. In this model the slide remains open after firing the last cartridge

SAVAGE AUTOMATIC PISTOLS

MODEL 1907

Rimless, Smokeless, 10 Shots.



Adapted to .32 Automatic Savage, or .32 Automatic Colt or 7.65 M. M. Automatic Browning Rimless, Smokeless Pistol Ammunition. These are all Different Names for Exactly the Same Cartridge

Each

No. 32-SA 32 Caliber, 3¾ in. Hi-Pressure Smokeless Steel Barrel, Length Over All 6½ in., Blued, Rubber Stock, Weight 19 Oz.....$...

Extra Magazines.....

The Magazine contains 10 cartridges, putting an additional cartridge in the chamber places 11 shots at the command of the shooter.

The mechanism is Semi-Automatic or Self-Loading The recoil of firing the cartridge extracts and ejects the empty shell, cocks the firing pin and loads the barrel for the next shot. The trigger must be pulled to fire each shot.

A very small, light, compact pocket gun, but its great accuracy, high speed of fire and absolute reliability and safety make it rank with the military pistols. It has been adopted and is in use as the Service Pistol of the Portugese army and navy. The only pistol using the above mentioned ammunition in which the breech mechanism is positively locked to the barrel while the bullet is passing through the bore.

This prevents waste of gas at the breech, and gives greater accuracy, velocity and penetration, than the other pistols which use this ammunition.

IVER JOHNSON REVOLVERS

A thoroughly satisfactory line of high grade Revolvers at a moderate price. Double positive cylinder locks, perfectly rifled. They are equipped throughout with the finest piano Wire Coil Springs replacing the old flat springs. Has a perfect Safety Device, it can be dropped on the floor, thrown about or you can "Hammer the Hammer" without fear of accidental discharge.

SAFETY HAMMER AUTOMATIC

Double Action, Automatic Ejector, Rubber Stock.
22 Caliber, Rim Fire, 7 Shots.

Each

No. 122 —3 in. Barrel, Nickel Plated, Wt. 12 Oz. $..
No. 122B—3 in. Barrel, Blued, Wt. 12 Oz. . .
Adapted to .22 Short, Long and S. & W. Long Cartridges

32 Caliber, Center Fire, 5 Shots.

No. 132 —3 in. Barrel, Nickel Plated, Wt. 12½ Oz. .....$.
No. 132B—3 in. Barrel, Blued, Wt. 12½ Oz..
Adapted to .32 S. & W. C. F. Cartridges.

.38 Caliber, Center Fire, 5 Shots.

No. 138 3¼ in. Barrel, Nickel Plated, Wt. 17¼ Oz .....
No. 138B -3¼ in Barrel, Blued, Wt. 17¼ Oz ...
Adapted to .38 S & W. C. F Cartridges

SAFETY HAMMERLESS AUTOMATIC

Double Action, Automatic Ejector, Rubber Stock.
22 Caliber, Rim Fire, 7 Shots. Each

No. 222 —3 in. Barrel, Nickel Plated, Wt. 12 Oz.$.....
No. 222B—3 in. Barrel, Blued, Wt. 12 Oz.....

32 Caliber, Center Fire, 5 Shots.

No. 232 3 in Barrel, Nickel Plated, Wt 12½ Oz. .....$.....
No. 232B—3 in. Barrel, Blued, Wt. 12½ Oz....
Adapted to .32 S. & W. C. F. Cartridges.

38 Caliber, Center Fire, 5 Shots.

No. 238 —3¼ in. Barrel, Nickel Plated, Wt 18 Oz .....$.
No. 238B 3¼ in Barrel Blued, Wt 18 Oz .....
Adapted to .38 S. & W C F Cartridges

SPECIAL, HAMMER, WESTERN WALNUT GRIP

Double Action, Heavy Frame, Automatic Ejector, Safety Hammer, Grip Made from One Piece of Wood, Adapted to Target Work.
32 Caliber, Center Fire, 6 Shots.

Each

No. 332W —3¼ in. Barrel, Nickel Plated, Wt. 21 Oz. .....$.....
No. 332WB—3¼ in. Barrel, Blued, Wt. 21 Oz. .....
Adapted to .32 S. & W. Long, .32 Colt New Police or 32 S. & W. Center Fire Cartridges.

SPECIAL, HAMMERLESS, PERFECT GRIP

Double Action, Heavy Frame, Automatic Ejector, Perfect Rubber Grip, Adapted to Target Work.
32 Caliber, Center Fire, 6 Shots. Each

No. 332P – 3¼ in Barrel, Nickel Plated Weight 16 Oz. .....$. .
No. 332PB 3¼ in Barrel, Blued, Wt. 16 Oz.....
Adapted to .32 S & W. Long, .32 Colt New Police or 32 S & W Center Fire Cartridges.

SAFETY CYCLE HAMMER AUTOMATIC

Furnished with 2 in. Barrel Only.

Double Action, Automatic Ejector, Rubber Stock.
22 Caliber, Rim Fire, 7 Shots. Each

No. 422 —2 in. Barrel, Nickel Plated, Weight 12½ Oz. .....$ . .
No. 422B—2 in. Barrel, Blued, Wt. 12½ Oz .
Adapted to .22 Short and Long R. F. Cartridges.

32 Caliber, Center Fire, 5 Shots.

No. 432 – 2 in Barrel, Nickel Plated, Wt. 13 Oz $. .
No. 432B 2 in Barrel, Blued, Wt 13 Oz.....
Adapted to .32 S. & W. C. F. Cartridges.

38 Caliber, Center Fire, 5 Shots.

No. 438 2 in. Barrel, Nickel Plated Wt. 17½ Oz. .....$. .
No. 438B—2 in. Barrel, Blued, Wt. 17½ Oz.....
Adapted to .38 S. & W. C. F. Cartridges

SAFETY CYCLE HAMMERLESS AUTOMATIC

Furnished with 2 in. Barrel Only.

Double Action, Automatic Ejector, Rubber Stock.
22 Caliber, Rim Fire, 7 Shots. Each

No. 522 —2 in. Barrel, Nickel Plated, Wt. 12½ Oz. .....$
No. 522B—2 in. Barrel, Blued, Wt. 12½ Oz ..
Adapted to .22 Short and Long R. F. Cartridges.

32 Caliber, Center Fire, 5 Shots.

No. 532 —2 in Barrel, Nickel Plated, Wt. 13 Oz $.. .
No. 532B—2 in. Barrel, Blued, Wt. 13 Oz..... .
Adapted to 32 S. & W C. F Cartridges

.38 Caliber, Center Fire, 5 Shots.

No. 538 —2 in. Barrel, Nickel Plated, Wt. 17½ Oz. .....$
No. 538B—2 in. Barrel, Blued, Wt. 17½ Oz...
Adapted to .38 S. & W. C. F. Cartridges.

REVOLVERS

IVER JOHNSON MODEL 1900, HAMMER

Solid Frame, Double Action, Rubber Stock.
.22 Caliber, Rim Fire, 7 Shots.

Each

No. 22 —2½ in. Barrel Nickel Plated, Wt. 10½ Oz. ..... $.
No. 22B—2½ in. Barrel, Blued, Wt. 10½ Oz. .. .. .
Adapted to .22 Short and Long R. F. Cartridges.

32 Caliber, Rim Fire, 5 Shots.

No. 32 —2½ in. Barrel, Nickel Plated, Wt. 12 Oz. $ . .
No. 32B—2½ in. Barrel, Blued, Wt 12 Oz. ....
Adapted to .32 Short R. F. Cartridges.

32 Caliber, Center Fire, 5 Shots.

No. 32C —2½ in Barrel, Nickel Plated, Wt. 12 Oz . . . . . $ . . .
No 32CB 2½ in Barrel, Blued, Wt. 12 Oz. . . . . .
Adapted to .32 S. & W C. F. Cartridges

38 Caliber, Center Fire, 5 Shots.

No. 38 —2½ in. Barrel, Nickel Plated, Wt. 17 Oz. $ . .
No. 38B—2½ in Barrel, Blued, Wt 17 Oz. .
Adapted to .38 S. & W. C. F. Cartridges

U. S. REVOLVERS

HAMMER, DOUBLE ACTION

Solid Frame, Rubber Stock.
22 Caliber, Rim Fire, 7 Shots, Weight 12 Oz.

Each

No. 22US —2½ in. Barrel, Nickel Plated. . . . . $ . . .
No. 22USB—2½ in. Barrel, Blued . . . .
No. 122US —4½ in. Barrel, Nickel Plated . . . . .
No. 122USB—4½ in. Barrel, Blued . . . .
Adapted to .22 Short and Long R. F. Cartridges

32 Caliber, Rim Fire, 5 Shots, Weight 13 Oz.

Each

No. 32US —2½ in. Barrel, Nickel Plated. . . . . $ . . . .
No. 32USB—2½ in. Barrel, Blued . . . . . .
No. 132US —4½ in Barrel, Nickel Plated. . . .
No. 132USB—4½ in. Barrel, Blued . . . . . .
Adapted to 32 Short R. F. Cartridges.

32 Caliber, Center Fire, 5 Shots, Weight 13 Oz.

Each

No 32CUS —2½ in. Barrel, Nickel Plated. . . . $
No. 32CUSB -2½ in. Barrel, Blued . . . . . .
No. 132CUS —4½ in. Barrel, Nickel Plated. . . . . .
No. 132CUSB 4½ in. Barrel, Blued . . . . . .
Adapted to .32 S. & W. C. F. Cartridges.

38 Caliber, Center Fire, 5 Shots, Weight 17 Oz.

Each

No. 38US —2½ in. Barrel, Nickel Plated. . . . . $ . . . . .
No. 38USB—2½ in. Barrel, Blued . . . . . .
No. 38CUS —4½ in. Barrel, Nickel Plated . . .
No. 38CUSB—4½ in Barrel, Blued . . . . . .
Adapted to .38 S. & W. C. F. Cartridges.

U. S. REVOLVERS

U. S. HAMMER, AUTOMATIC

Automatic Ejector, Rubber Stock.
22 Caliber, Rim Fire, 7 Shots, Weight 13 Oz.

Each

No. 223US —3 in. Barrel, Nickel Plated. . . . . $ . . .
No. 223USB—3 in. Barrel, Blued . . .
No. 225US —5 in. Barrel, Nickel Plated . . .
No. 225USB—5 in. Barrel, Blued . . . . . .
Adapted to .22 Short and Long R. F. Cartridges

32 Caliber, Center Fire, 5 Shots, Weight 12½ Oz.

Each

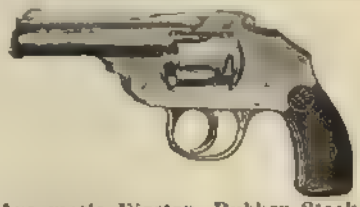
No. 323US —3 in. Barrel, Nickel Plated . $ . .
No. 323USB—3 in. Barrel, Blued . . . . . .
No. 325US —5 in. Barrel, Nickel Plated . . .
No. 325USB—5 in. Barrel, Blued . . . . . .
Adapted to .32 S. & W. C. F. Cartridges.

38 Caliber, Center Fire, 5 Shots, Weight 17 Oz.

Each

No. 383US —3¼ in. Barrel, Nickel Plated. $.
No. 383USB—3¼ in. Barrel, Blued . . . .
No. 385US —5 in. Barrel, Nickel Plated. .
No. 385USB—5 in. Barrel, Blued . . . . . .
Adapted to .38 S. & W. C. F. Cartridges.

U. S. HAMMERLESS, AUTOMATIC



Automatic Ejector, Rubber Stock.
32 Caliber, Center Fire, 5 Shots, Weight 13½ Oz.

Each

No. 320US —3 in. Barrel, Nickel Plated . $
No. 320USB—3 in. Barrel, Blued . . . . . .
No 321US 5 in. Barrel, Nickel Plated . . .
No. 321USB—5 in Barrel, Blued . .
Adapted to .32 S. & W. C. F. Cartridges

38 Caliber, Center Fire, 5 Shots, Weight 18 Oz.

Each

No. 383¼US —3¼ in. Barrel, Nickel Plated $.
No. 383¼USB—3¼ in. Barrel, Blued . . . . . .
No. 385½US —5 in. Barrel, Nickel Plated .
No. 385½USB —5 in. Barrel, Blued . . . . . .
Adapted to .38 S. & W. C. F. Cartridges.

EXTRAS

Per Pair

Pearl Handles—On Hammer or Hammerless, .22 or .32 Calibers . . . . . $.
Pearl Handles—On Hammer or Hammerless, (S Caliber . . . . . .

U. S. Revolvers are of American manufacture, made by skilled mechanics and of first class material throughout They are nicely finished and smooth in action.

RIFLE SIGHTS

WINCHESTER

KNIFE BLADE FRONT

Each

Knife Blade Front—Steel or Ivory $0 60

ROCKY MOUNTAIN FRONT

Each

Rock Mountain Front..... $0.60
Not adapted to M. '94, .30 Cal. Rifles.

SPORTING FRONT

Each

Sporting Front $0.40

22 CALIBER FRONT

Each

.22 Caliber Front..... $0 40

LYMAN IVORY BEAD FRONT

Each

No. 26—Ivory Bead, for Model 1895, .30 Caliber Winchester Rifle $0 55

LYMAN IVORY HUNTING FRONT

Each

No. 4—Ivory Bead, Protected by Surrounding Metal.... $0.55

LYMAN IVORY BEAD FRONT

Each

No. 3—1/8 in. Ivory Bead..... $1.10

MODEL 1890 FRONT

Each

Winchester Model 1890 Front.. $0 30

EXPRESS FRONT

Each

Winchester Express Front.... $0.60

BEACH COMBINATION FRONT

As Open. As Globe.

Each

Beach Combination..... $1 25

GLOBE

Each

Globe—With Interchangeable Disc $1 30

WINCHESTER EXPRESS

Each

Winchester Express Rear..... $1.80

WIND GAUGE

Each

With Spirit Level and 3 Discs. $4.75
Without Spirit Level..... 3.60

EXTRAS

Spirit Level . .	$1 25
Spirit Level Bulb. .	18
Extra Discs	40
Traverse Screw	30
Base	90
Screw Caps to Level. . .	18

WINCHESTER SPECIAL

Front View

Each

Rear Sight—Model 1894, for .32 Winchester Special, Black and Smokeless Powder.. ..... $3.00

SPORTING REAR

Each

Sporting Rear Sight—Complete..... $0.95
Elevator—For Sporting Rear..... .30

MODEL 1890 REAR

Each

Winchester Model 1890 Rear Sight... . . . . $0.75

22 CALIBER SPORTING REAR

Each

Winchester Sporting Rear—.22 Caliber..... $0.75
Adapted to M. '90, '02, '04, '06 and Thumb Trigger.
Always specify Model when ordering.

Note—When ordering Sights, always specify model and caliber of rifle, and for sights seated on tang state whether stock is straight or pistol grip.

COMMUNITY SILVER

Note the rich simplicity of the new Georgian design the fluted bowl and the pure colonial lines. It makes a beautiful appearance on the table.

The Georgian, like all Community Silver designs, is made only in the heaviest plate —silver overlaid, it is called.

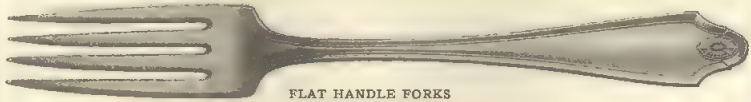
SPOONS

Six in Lined Box

12425	After Dinner Coffee,	Per Doz.,	$ 9.57
12426	Gilt After Dinner Coffee,	" "	14.75

Six in Unlined Box

12427	Five O'Clock Tea,	" "	9.57
12428	Tea,	" "	9.57
12429	Dessert,	" "	17.37
12430	Table,	" "	19.10



FLAT HANDLE FORKS

Six in Unlined Box

12431	Dessert,	Per Doz.,	$17.37
12432	Medium,	" "	19.10

HOLLOW HANDLE KNIVES

Six in Flannel Roll

12433	Medium,	Per Doz.,	$30.75
12434	Dessert,	" "	29.70
12435	Medium, Scimitar and Swaged,	" "	31.27
12436	Dessert, Scimitar and Swaged,	" "	30.25

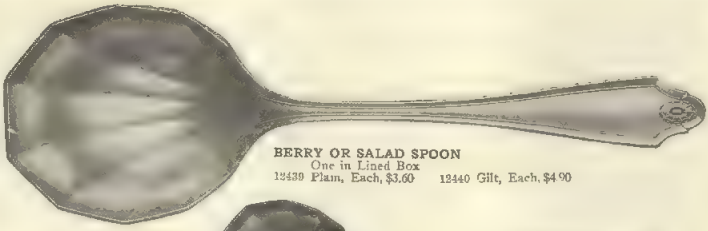
HOLLOW HANDLE FORKS

Six in Flannel Roll

12437	Medium,	Per Doz.,	$30.75
12438	Dessert,	" "	29.70

Reproduction same size.

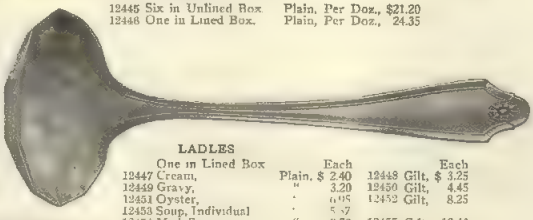
COMMUNITY SILVER



BERRY OR SALAD SPOON
One in Lined Box
12439 Plain, Each, $3.60 12440 Gilt, Each, $4.90

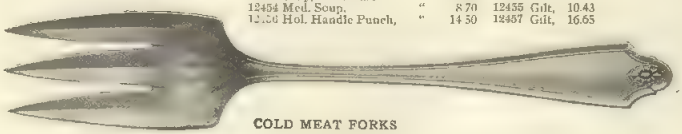
SUGAR SHELL
Six in Unlined Box
12441 Plain, Per Doz., $18.07 12442 Gilt, Per Doz., $25.03
One in Lined Box
12443 Plain, Per Doz., $21.37 12444 Gilt, Per Doz., 28.35

BUTTER KNIFE
12445 Six in Unlined Box Plain, Per Doz., $21.20
12446 One in Lined Box. Plain, Per Doz., 24.35



LADLES

One in Lined Box		Each		Each
12447 Cream,	Plain, $	2.40	12448 Gilt, $	3.25
12449 Gravy,	"	3.20	12450 Gilt,	4.45
12451 Oyster,	"	6.05	12452 Gilt,	8.25
12453 Soup, Individual	"	5.37		
12454 Med. Soup,	"	8.70	12455 Gilt,	10.43
12456 Hol. Handle Punch,	"	14.50	12457 Gilt,	16.65

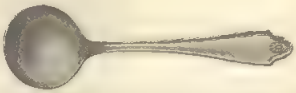


COLD MEAT FORKS
One in Lined Box
12458 Plain, Each, $2.32 12459 Gilt, Each, $3.20

Reproduction three-fourths size

COMMUNITY SILVER

SOUP SPOON
12460 Six in Unlined Box. Per Doz., $19.10

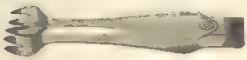


BOUILLON SPOON
Six in Lined Box
12461 Plain, Per Set, $8.20

HOLLOW HANDLE BUTTER SPREADER
12462 Six in Lined Box Per Set, $13.90

ORANGE SPOON
Six in Lined Box
12463 Plain, Per Set, $6.25
12464 Gilt, " " 9.75

HOLLOW HANDLE ORANGE KNIFE
12465 Six in Lined Box. Per Set, $14.70



SUGAR TONGS
One in Lined Box
12466 Each, $2.57

HOLLOW HANDLE FRUIT KNIFE
12467 Six in Lined Box. Per Set, $13.90

FLAT HANDLE BUTTER SPREADER
Six in Lined Box
12468 Plain, Per Set, $7.63

HOLLOW HANDLE PIE SERVER
12469 One in Lined Box. Each, $5.25

Reproduction one-half size.

COMMUNITY SILVER

HOLLOW HANDLE CHEESE SCOOP
12470 One in Lined Box. Each, $4.65

ICED TEA SPOON
Six in Unlined Box
12471 Plain, Per Doz., $12.50

BABY FORK
12472 One in Lined Box. Each, $1.25

PICKLE FORK
One in Lined Box
12473 Plain, Each, $1.90
12474 Gilt, " 2.45

BABY SPOON
One in Lined Box
12475 Plain, Each, $1.25
12476 Gilt, " 1.70

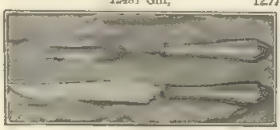
PIE FORK
Six in Unlined Box
12477 Per Doz., $17.37

SMALL COLD MEAT FORK
One in Lined Box
12478 Plain, Each, $1.90
12479 Gilt, " 2.45

INDIVIDUAL SALAD FORK
Six in Lined Box
12480 Plain, Per Set, $ 9.30
12481 Gilt, " 12.77

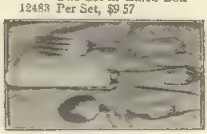
OYSTER FORK
12482 Six in Lined Box. Per Set, $6.10

Reproduction one-half size.

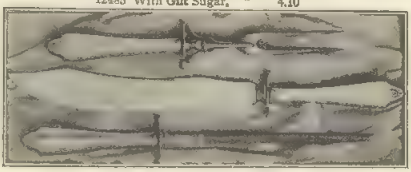


SMALL CARVING SET
One Set in Lined Box
12483 Per Set, $9.57

BUTTER KNIFE AND SUGAR SHELL
One Set in Lined Box
12484 Plain, Per Set, $3.47
12485 With Gilt Sugar, " 4.10



THREE PIECE CHILD SET
One Set in Lined Box
12486 Hollow Handle Knife, Per Set, $3.57
12487 Flat Nickel Knife, " " 3.82



Reproduction one-fourth size.

LARGE CARVING SET
12488 One Set in Lined Box. Per Set, $20.87

COMMUNITY SILVER PLATE

THE new Patrician design in COMMUNITY SILVER PLATE finds its motif in the fine old English octagonal silver; but a motif transmuted here into a perfection of polished planes and beautiful outlines. The Patrician is the latest and perhaps the most successful effort of the Community to supply silverware which will satisfy people of discriminating taste.

SPOONS

Six in Lined Box

		Per Doz.
No. 12330	After Dinner Coffee	$9.57
Six in Lined Box		
No. 2332	Five O'Clock Tea	9.57
No. 233	Tea	9.57
No. 1234	Dessert	17.35
No. 235	Tea	9.10

No. 12331 Gilt, After Dinner Coffee	Per Doz. $14.75

FLAT HANDLE FORKS

Six in Lined Box

No. 12336	Dessert	Per Doz. $17.37
No. 2337	Medium	Per Doz. 13.10

HOLLOW HANDLE KNIVES

Six in Flannel Roll

No. 12338	Medium	Per Doz. $26.75
No. 12339	Dessert	Per Doz. 29.70
No. 2340	Medium, Silver Plated Stainless Steel Blade	Per Doz. 31.37
No. 12341	Dessert, Silver Plated Stainless Steel Blade	Per Doz. 30.35

HOLLOW HANDLE FORKS

Six in Flannel Roll

No. 2342	Medium	Per Doz. $26.75
No. 2344	Dessert	Per Doz. 29.70

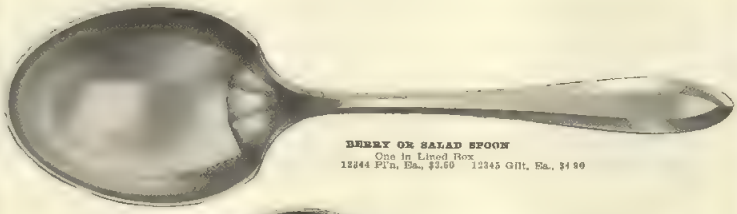
Reproduction satisfactory

PATRICIAN DESIGN

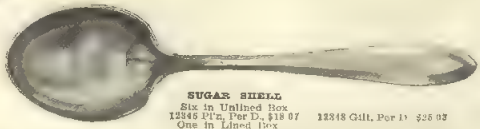
Booklet of Consumers Prices on all pieces and sets supplied upon request.

COMMUNITY PLATE

PATRICIAN

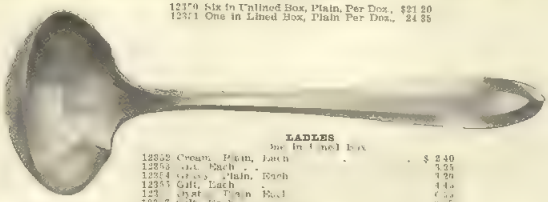


BERRY OR SALAD SPOON
One in Lined Box
12344 Plain, Ea., $3.50 12345 Gilt, Ea., $4 20



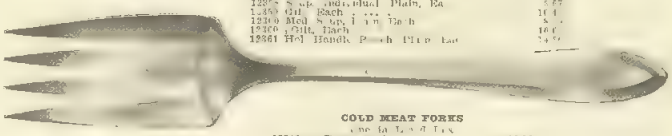
SUGAR SHELL
Six in Unlined Box
12346 Plain, Per D., $18 07 12348 Gilt, Per D. $25 02
One in Lined Box
12347 Plain, Per D. $21 37 12349 Gilt, Per D. $28 35

BUTTER KNIFE
12370 Six in Unlined Box, Plain, Per Doz., $21 20
12371 One in Lined Box, Plain Per Doz., 24 35



LADLES
One in Lined Box

12352 Cream, Plain, Each	$ 2 40
12353 Gilt, Each	3 25
12354 Gravy, Plain, Each	3 20
12355 Gilt, Each	4 45
12356 Punch, Plain Bowl	6 60
12357 Gilt, Each	8 15
12358 Soup, Individual, Plain, Ea.	2 67
12359 Gilt, Each	3 64
12360 Med. Soup, Plain, Each	5 [illegible]
12361 Gilt, Each	10 [illegible]
12361 Hol. Handle, Punch Plain Bowl	[illegible]



COLD MEAT FORKS
One in Lined Box

12361 [illegible] Each	$2 33
12362 [illegible]	[illegible]

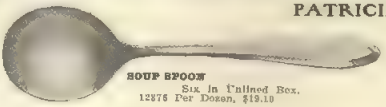
Reproduction three-fourths size.

PATRICIAN DESIGN

Booklet of Consumers Prices on all pieces and sets supplied upon request.

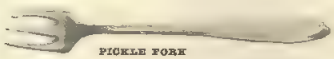
COMMUNITY PLATE

PATRICIAN



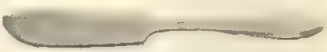
SOUP SPOON
Six in Unlined Box.
12376 Per Dozen, $19.10

BOUILLON SPOON
Six in Lined Box.
12377 Plain, Per Set, $8.20

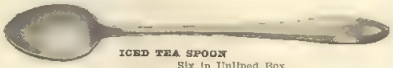


PICKLE FORK
One in Lined Box.
12378 Plain, Each, $1.90
12379 Gilt, Each, $2.47

ORANGE SPOON
Six in Lined Box
12380 Plain Per Set, $6.2.
12381 Gilt, Per Set, $9 5

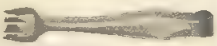


FLAT HANDLE BUTTER SPREADER
Six in Lined Box.
12382 Plain, Per Set, $7.63



ICED TEA SPOON
Six in Unlined Box
12383 Plain, per doz. $13.50

OYSTER FORK
Six in Lined Box.
12384 Per Set, $6.10



SUGAR TONGS
One in Lined Box.
12385 Each, $2.57

HOLLOW HANDLE ORANGE KNIFE
Six in Lined Box.
12386 Per Set, $14.70

HOLLOW HANDLE FRUIT KNIFE
Six in Lined Box.
12387 Per Set, $12.90

HOLLOW HANDLE FORK
Six in Flannel Roll
12388 Medium, Per Doz., $30.75
12389 Dessert, Per Doz., $29.70

HOLLOW HANDLE BUTTER SPREADER
Six in Lined Box
12390 Per Set, $13.9[illegible]

PIE FORK
Six in Unlined Box.
12391 Per Doz., $17.87

INDIVIDUAL SALAD FORK
Six [illegible] Box
12[illegible] Per Set, $7.7[illegible]
12[illegible] Per Set, $12.[illegible]

HOLLOW HANDLE PIE SERVER
One in Lined Box
12394 Each, $

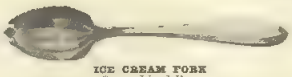
Reproduced [illegible] size

PATRICIAN DESIGN

Booklet of Consumers Prices on all pieces and sets supplied upon request.

COMMUNITY PLATE

PATRICIAN



ICE CREAM FORK
Six in Lined Box
12396 Plain, Per Set, ... $ 7.15
12397 Gilt, Per Set, ... 10.60

HOLLOW HANDLE CHEESE SERVER
One in Lined Box
12398 Each, $3.00

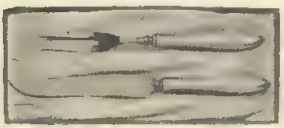
PRESERVE SPOON
One in Lined Box
12399 Each $2.67
12399½ Gilt, Each 3.75

BABY SPOON
One in Lined Box
12400 Plain, Each $1.95
12401 Gilt, Each $1.70

BABY FORK
One in Lined Box
12404 Each, $1.25

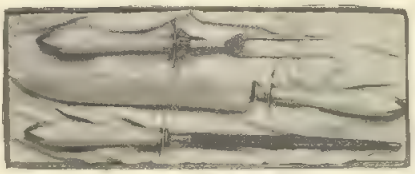
TOMATO SERVER
12402 One in Lined Box, ... $4.34
12403 Gilt, ... 6.25

THREE PIECE CHILD SET
One Set in Lined Box
12406 Hollow Handle Knife, Per Set $6.47
12407 Flat Nickel Knife, Per Set, . . 3.82



SMALL CARVING SET
One Set in Lined Box.
12405 Per Set . $9.07

BUTTER KNIFE AND SUGAR SHELL SET
12408 Per Set . . . . . $ 3.64
12409 Gilt Sugar. 4.10



LARGE CARVING SET
One Set in Lined Box.
12400½ Pet set. $20.87

12 Piece Hollow Handle Knife and Flat Fork Sets
12410 6 Flat Med. Forks and 6 Hollow Handle Med. Knives, ... $25.65
12411 6 Flat Dessert Forks and 6 Hollow Handle Dessert Knives, ... 24.2
12412 6 Flat Medium Forks and 6 H. H. Scim Swaged Medium Knives, ... 25.90
12413 6 Flat Dessert Forks and 6 H. H. Scim Swaged Dessert Knives, ... 24.50

PATRICIAN DESIGN

Booklet of Consumers Prices on all pieces and sets supplied upon request.

COMMUNITY SILVER

Carry a strong line if you want big sales. Community Silver is the best advertised, has the heaviest plate, and the most beautiful designs.

The Sheraton, the latest pattern in Community Silver, is a masterpiece of artistic designing. Simple but exquisitely beautiful in outline and ornamentation, it rivals Sterling Silver in distinction.

SPOONS

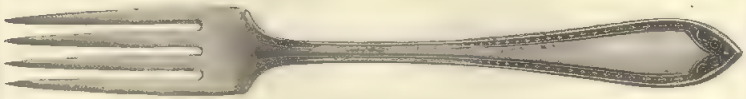
Six in Lined Box

		Per Doz
12489	After Dinner Coffee,	$8.57

Six in Unlined Box

		Per Doz
12491	Five O'Clock Tea,	9.57
12492	Tea,	9.57
12493	Dessert,	17.37
12494	Table,	19.10

		Per Doz.
12490	Gilt After Dinner Coffee,	$14.75



FLAT HANDLE FORKS

Six in Unlined Box

12495	Dessert, Per Doz.	$17.37
12496	Medium, " "	19.10

HOLLOW HANDLE KNIVES

Six in Flannel Box

12497	Medium,	Per Doz.	$30.75
12498	Dessert,	" "	29.70
12499	Medium, Scimitar and Swaged	" "	31.27
12500	Dessert, " " "	" "	30.25

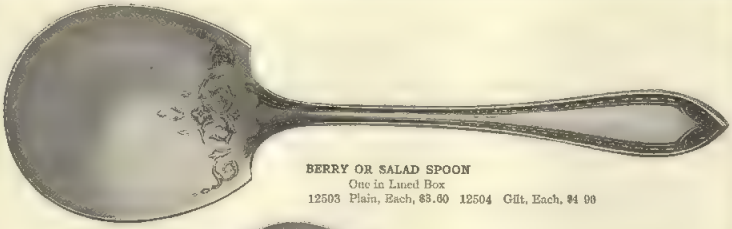
HOLLOW HANDLE FORKS

Six in Flannel Roll

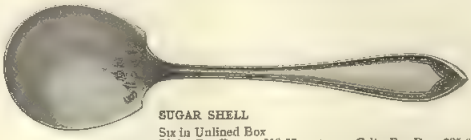
12501	Medium,	Per Doz.	$30.75
12502	Dessert,	" "	29.70

Reproduction same size.

COMMUNITY SILVER

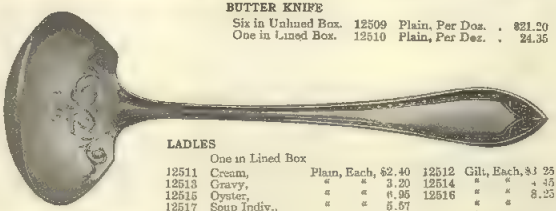


BERRY OR SALAD SPOON
One in Lined Box
12503 Plain, Each, $3.60 12504 Gilt, Each, $4 00



SUGAR SHELL
Six in Unlined Box
12505 Plain, Per Doz. $18.07 12506 Gilt, Per Doz $25 03
One in Lined Box
12507 Plain, Per Doz. $21.37 12508 " " " 28.35

BUTTER KNIFE
Six in Unlined Box. 12509 Plain, Per Doz. . $21.20
One in Lined Box. 12510 Plain, Per Doz. . 24.35



LADLES
One in Lined Box

12511	Cream,	Plain, Each, $2.40	12512	Gilt, Each,	$3 25
12513	Gravy,	" " 3.20	12514	" "	4 35
12515	Oyster,	" " 6.95	12516	" "	8.25
12517	Soup Indiv.,	" " 5.57		" "	
12518	Med. Soup,	" " 8 70	12519	" "	10.43
12520	Hol H'dle Punch,	" " 14.50	12521	" "	16.65

COLD MEAT FORK
One in Lined Box
12522 Plain, Each, $2.32 12523 Gilt, Each, $3.20

Reproduction three-fourths size

COMMUNITY SILVER

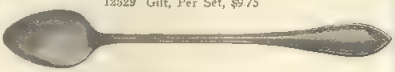
SOUP SPOON
Six in Unlined Box. 12524 Per Doz., $19.10

BOUILLON SPOON
Six in Lined Box. 12525 Plain, Per Set, $8.20

PICKLE FORK
One in Lined Box.
12526 Plain, Each, $1.90 12527 Gilt, Each, $2.47

ORANGE SPOON
Six in Lined Box. 12528 Plain, Per Set, $6.25
12529 Gilt, Per Set, $9.75

FLAT HANDLE BUTTER SPREADER
Six in Lined Box. 12530
Plain, Per Set, $7.63



ICED TEA SPOON
Six in Unlined Box. 12531 Plain, Per Doz., $12.50

OYSTER FORK
Six in Lined Box. 12532 Per Set, $6.10

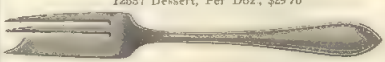
SUGAR TONGS
One in Lined Box. 12533 Each, $2.57

HOLLOW HANDLE ORANGE KNIFE
Six in Lined Box. 12534 Per Set, $14.70

HOLLOW HANDLE FRUIT KNIFE
Six in Lined Box. 12535 Per Set, $13.90

HOLLOW HANDLE FORK
Six in Flannel Roll
12536 Medium, Per Doz., $30.75
12537 Dessert, Per Doz., $29.70

HOLLOW HANDLE BUTTER SPREADER
Six in Lined Box. 12538 Per Set, $13.90



PIE FORK
Six in Unlined Box. 12539 Per Doz., $17.37

INDIVIDUAL SALAD FORK
Six in Lined Box
12540 Plain, Per Set, $9.30 12541 Gilt, Per Set, $12.77

HOLLOW HANDLE PIE SERVER
One in Lined Box. 12542 Each, $5.25

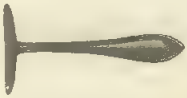
Reproduction one half size.

COMMUNITY SILVER

HOLLOW HANDLE CHEESE SCOOP
12543 One in Lined Box. Each, $4 63

ICE CREAM FORK
Six in Lined Box
12544 Plain, Per Set, $7.15
12545 Gilt, " " 10.60

BABY SPOON
One in Lined Box
12546 Plain, Each, $1.25
12547 Gilt, " 1.70



FOOD PUSHER
One in Lined Box
12548 Each, $1.25

PRESERVE SPOON
One in Lined Box
12549 Plain, Each, $2.67
12550 Gilt, " 3.53

SMALL COLD MEAT FORK
One in Lined Box
12551 Plain, Each, $1.90
12552 Gilt, " 2.45

SALAD OR FISH FORK
One in Lined Box
12553 Plain, Each, $4.82
12554 Gilt, " 6.10

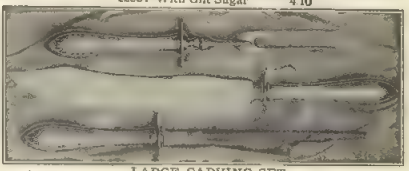
Reproduction one-half size.

SMALL CARVING SET
One Set in Lined Box
12555 Per Set, $9.57

BUTTER KNIFE AND SUGAR SHELL
One Set in Lined Box
12556 Plain, Per Set, $3 47
12557 With Gilt Sugar " 4 10

THREE PIECE CHILD SET
One Set in Lined Box
12558 Hollow Handle Knife, Per Set, $5.57
12559 Flat Nickel Knife, " " 3.82

Reproduction one-fourth size.



LARGE CARVING SET
One Set in Lined Box
12 60 Per Set, $20 57

LANTERNS

VICTOR, HOT BLAST

Per Dozen

Victor—13¼ in. High, Square Tubular, Bright Tin, Positive Locking Globe Lift, with Guard, Dome Shaped Solderless Oil Fount, with Large Oil Filler, No. 1 Wing-Lock Cone Burner, ⅝ in. Wick, White Fitsall Globe, Security Standing Bail Hooked into Patent Brass Eyelets.....$....

Gives a light of 4 candle power. Fount holds sufficient oil to burn 19 hours.

Weight Per Dozen 36 Pounds.
One Dozen in a Box.

JUNIOR, COLD BLAST

Per Dozen

Junior—12 in. High, Round Tubular, Bright Tin, Positive Locking Inside Globe Lift with Guard, Dome Shaped Solderless Oil Fount with Brass Oil Filler, No. 1 Tinned Steel Wing-Lock Cone Burner, ⅝ in. Wick, White Junior Globe, Security Standing Bail Hooked into Patent Brass Eyelets ..... $ ...

Gives a light of 6 candle power. Fount holds sufficient oil to burn 13 hours.

Weight Per Dozen 30 Pounds.
One Dozen in a Box.

BLIZZARD COLD BLAST

Per Dozen

No. 2 14¾ in. High, Round Tubular, Bright Tin, Inside Globe Lift with Guard, Reinforced Tubes, Dome Shaped Solderless Oil Fount, with Large Oil Filler, No. 2 Tinned Steel "Blizzard" Wing-Lock Rising Cone Burner, 1 in. Wick, Full Weight Selected Blizzard 'Loc-Nob' Globe Security Standing Ball Hooked into Patent Brass Eyelets, Weight Per Dozen 52 Lbs. .....$....

No. 2B With Brass Fount, and Top, Otherwise Same as No. 2 .....

Gives a light of 10 candle power. Fount holds sufficient oil to burn 20 hours

Per Dozen

No. 2 Special 15 in. High, Extra Large Fount Holds Sufficient Oil to Burn 40 Hours, Otherwise Same as No. 2, Weight Per Dozen 60 Lbs. .....$....

One-half Dozen in a Box.

LITTLE WIZARD, COLD BLAST

Per Dozen

Little Wizard—11½ in. High, Round Tubular, Bright Tin, Reinforced Side Tubes, Inside Globe Lift, Double Seamed Dome Shaped Solderless Oil Fount, with Extra Large Filler Cap, No. 1 Wing-Lock Rising Cone Burner, ⅝ in. Wick, Little Wizard 3⅛ in. High "Loc-Nob" Globe, Security Standing Bail Hooked Into Patent Brass Eyelets.... $.

The smallest short Globe Lantern made. Gives a light of 6 candle power. Fount holds sufficient oil to burn 18 hours.

Weight Per Dozen 30 Pounds.

One Dozen in a Box.

WIZARD, COLD BLAST

Per Dozen

No. 2W—13¼ in. High, Round Tubular, Bright Tin, Reinforced Side Tubes, Inside Globe Lift, Double Seamed Dome Shaped Solderless Oil Fount with Extra Large Filler Cap, No. 2 Tinned Steel Wing-Lock Rising Cone Burner, 1 in. Wick, D-Lite Short Bowl Globe, Security Standing Bail Hooked into Patent Brass Eyelets . . $ ...

No. 2WB With Brass Fount and Dome, Otherwise Same as No. 2W.....$....

Gives a light of 10 candle power Fount holds sufficient oil to burn 20 hours; will not smoke or blow out.

Weight Per Dozen 52 Pounds.
One-half Dozen in a Box.

Blizzard and Wizard Cold Blast Lanterns are equipped with new coneless burners. The cone being an integral part of the globe plate, attention is called to the facility with which the wick may be cleaned, trimmed and lighted.

LANTERNS

D-LITE, COLD BLAST

Per Dozen

D-Lite—13¼ in. High, Round Tubular, Bright Tin, Reinforced Side Tubes, Positive Locking Top Lift, Double Seamed Dome Shaped Solderless Oil Fount, with Extra Large Filler Cap, No. 2 Tinned Steel "D-Lite" Rising Cone Burner, 1 in. Wick, D-Lite Short Bowl "Loc-Noh" Globe, Security Standing Bail Hooked into Brass Eyelets ..... $.

D-Lite-B—With Brass Fount and Dome, Otherwise Same as Above .....

Gives a light of 10 candle power. Fount will hold sufficient oil to burn 20 hours. Burns perfectly under all weather conditions, will not smoke or blow out

Weight Per Dozen 48 Pounds.

One-half Dozen in a Box

JUNIOR, COLD BLAST, WAGON

Junior Side—12 in. High, Round Tubular, Black Enameled, Corrugated Tin Reflector, with 2¼ in. Ruby Rear Lens, 2¼ in. Magnifying Bull's-Eye Lens, Secured to Plate, Inside Globe Lift, Double Seamed Solderless Dome Shaped Oil Fount, with Safety Oil Well and Large Oil Filler, No. 1 Junior Wing-Lock Cone Burner, ⅝ in. Wick, Junior Cold Blast Globe, Security Standing Bail, Hooked into Patented Brass Eyelets. Complete with Flat Bracket..$....

Adapted for use on the left or right hand side of the vehicle. Reflects a light of 10 candle power. Fount holds sufficient oil to burn 13 hours.

Weight Per Dozen 54 Pounds

One in a Box

Note—In ordering, state if lamp with right or left hand bracket is wanted

DIETZ "EUREKA", DRIVING

The Smallest and Most Satisfactory Driving Lamp Made. Especially Adapted for All Light Driving Vehicles.

Per Dozen

Dietz "Eureka"—7¼ in. High, Cold Rolled Steel Body, Black Enameled, Nickel Plated Door Rim, 3⅛ in. Plain Front Lens, 2¼ in. Ruby Rear Lens, Dietz Patent Wing Lock Burner Taking ⅝ in. Wick. Complete with Dash Clamp Holder for Attaching to Right or Left Side of Vehicle and Bail.. . . . . .

Dietz "Eureka" O—With Optical Lens, Otherwise Same as Above... . .

A bright white light is shown to the front and a ruby lens acts as a warning signal from the rear. A simple turn of the wrist is all that is needed to remove the burner from the fount or to attach same. The wick will not jar down, and lamp can be depended upon to maintain a steady light.

The fount holds sufficient oil to burn 10 hours.

Weight Per Dozen 26 Pounds.

One Dozen in a Box

Note—In ordering, state if Lamp with Right or Left Hand Bracket is wanted.

DIETZ OCTO DRIVING, COLD BLAST

No. 030R.

Dash Clamp Holder

Per Dozen

No. 030R—10¼ in. High, Cold Rolled Steel Body, Black Enameled, Brass Door Rim, Removable Aluminum Reflector, No 0 Nickel Plated Brass Cone Burner, ⅝ in. Wick, 4⅝ in. Diameter Plain 30 Candle Power Front Lens, 2¼ in. Diameter Ruby Rear Lens, Complete with Right or Left Hand Sockets, Dash Clamp Holder and Bail.. $ . .

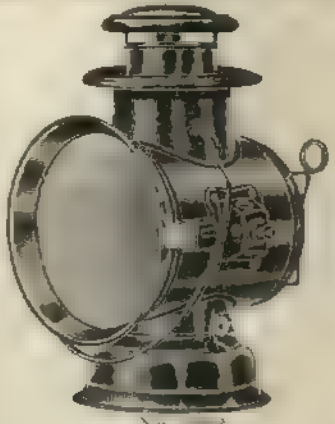
No. 070R—With 4⅝ Diameter Optical 70 Candle Power Lens, Otherwise Same as No. 030R . . .

Fount holds sufficient oil to burn 10 hours.

Weight Per Dozen 54 Pounds

One-half Dozen in a Box

DIETZ UNION DRIVING, COLD BLAST



No. 30R.

Per Dozen

No. 30R—11¼ in. High, Cold Rolled Steel Body, Black Enameled, Brass Door Rim, Removable Aluminum Reflector, No. 0 Nickel Plated Brass Long Cone Burner, ⅝ in. Wick, 5⅛ in. Diameter Plain 30 Candle Power Front Lens, 2¼ in. Diameter Ruby Rear Lens, Complete with Right or Left Hand Sockets, Dash Clamp Holder, Spring for Dashboard and Bail..... .. $. ..

No. 70R—With 5⅛ in. Diameter Optical 70 Candle Power Front Lens, Otherwise Same as No. 30R. ..

Extra Fount and Burner—For Dietz Union Driving Lamps . . . . . .

Fount holds sufficient oil to burn 10 hours.

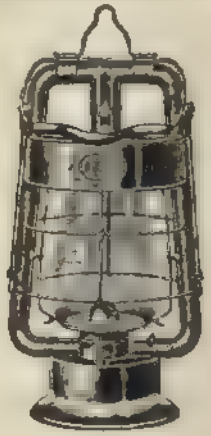
Weight Per Dozen 72 Pounds

One-half Dozen in a Box.

Note The Dietz Union and Octo Driving Lamps comply with the Night-Driving Laws of States and Cities. Will not jar or blow out.

LANTERNS

KING FIRE DEPARTMENT, HOT BLAST



Per Dozen

King—14½ in. High, Round Tubular, Red Enameled Finish, One Piece Drawn Polished Copper Fount, Reinforced with Heavy XXXX Tinned Steel, Patent Hinged Wind and Water Guard, No. 1 Tinned Steel Hinged Cone Burner, ⅝ in. Wick, "Fitzall" Heat-Resisting White Globe . . . . . $ . . . .

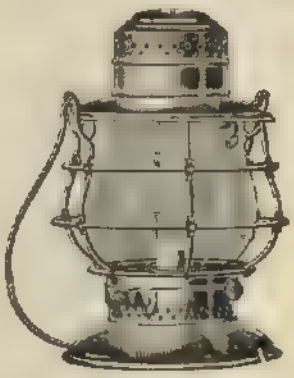
King B—All Polished Brass, Otherwise Same as Above . . . . . .

King N—Nickel Plated Brass, Otherwise Same as Above . . . . . .

Gives a light of 4 candle power. Fount holds sufficient oil to burn 13 hours

Weight Per Dozen 76 Pounds
One Dozen in a Box.

IMPROVED STANDARD RAILROAD



Per Dozen

No. 39—10 in. High, Bright Tin, Round Wire Guards, Heavy Stamped Base, Fount Provided with a Safety Oil Valve and is Held Securely to Frame by Patented Automatic Retaining Spring, No. 2 Wing-Lock Ratchet Burner for Signal Oil, 1 in. Wick, No. 39 White Globe . . . . $ . . . .

Gives a light of 2 candle power. Fount holds sufficient oil to burn 24 hours.

The upright guard wires are locked to the base ring by a patent band. The oil fount can be removed with one hand.

Weight Per Dozen 44 Pounds.
One Dozen in a Box

BULL'S-EYE POLICE

Per Dozen

Bull's-Eye—8 in. High, Brown Japanned, 3 in. Bull's-Eye Lens, No. 601 Special Ratchet Burner for Signal Oil, ⅝ in. Wick . . . . . $ . . .

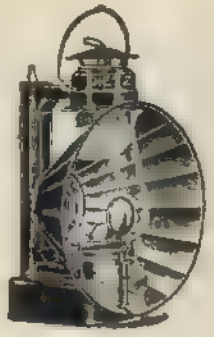
Gives a reflected light of 3 candle power. Fount holds sufficient oil to burn 16 hours.

This lantern is furnished with a movable slide or cut-off behind the bull's-eye for shutting off the light.

In operation the slide may be revolved forward and backward by the thumb of the hand holding the lantern, leaving the right hand free.

Weight Per Dozen 24 Pounds.
Two Dozen in a Box.

BEACON, COLD BLAST, WALL

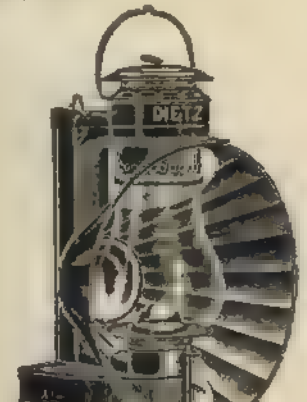


Per Dozen

No. 30—15¼ in. High, Green Enameled, Bright Tin Reflector, 7 in. Deep, 12 in. Across, 2¼ in. Diameter Bull's Eye Lens on Perforated Plate, No. 1 Wing-Lock Cone Burner, 1 in. Wick, No. 2 Blizzard Cold Blast Globe . . . . $

Gives a light of 50 candle power. Fount holds sufficient oil to burn 35 hours.

Weight Per Dozen 90 Pounds.
One-half Dozen in a Box.



Each

No. 60—20½ in. High, Green Enameled Bright Tin Reflector, 8 in. Deep, 16 in. Across, 5 in. Silvered Glass Reflector, No. 3 Short Shaft Wing-Lock Cone Burner, 1½ in. Wick, No. 2 Tubular Globe . . . . . $

Gives a light of 100 candle power. Fount holds sufficient oil to burn 30 hours.

Weight Each 24 Pounds.
One in a Box.

Beacon Cold Blast Wall Lanterns are especially suitable for the lighting of dancing platforms, boat landings, horse sheds, open air meetings, etc

LANTERNS

DIETZ, COLD BLAST, WALL

Per Dozen

No. 15—15 in. High, Tin, Green Enameled, 5 in. Silvered Glass Reflector, No. 1 Tinned Steel Burner, ⅝ in. Wick, White "Fitzall" Globe..$....

Gives a light of 20 candle power. Fount holds sufficient oil to burn 45 hours.

Especially desirable for use in dark passages, stairways, cellars and similar places. Can be filled, lighted and regulated without removing globe.

Weight Per Dozen 62 Pounds

One Half Dozen in a Box.

CLIMAX PLATFORM

Each

No. 1—15 in. High, 8¾ in. Wide, 7⅝ in. Deep, Green Enameled, 7 in Silvered Glass Reflector, No. 1 Burner, ⅝ in. Wick, No. 1 Sunbulb Chimney, Fount Holds Oil to Burn 20 Hours, Weight Each 13 Lbs.....$.....

No. 2—17½ in High, 10¾ in Wide, 8¾ in Deep Green Enameled, 8 in. Silvered Glass Reflector No. 2 Burner, 1 in. Wick, No. 2 Sunbulb Chimney, Fount Holds Oil to Burn 23 Hours, Weight Each 19 Lbs.....

Adaptable to indoor and outdoor purposes, and are largely used for the illumination of dancing platforms, skating ponds, etc.

One in a Box.

PIONEER, COLD BLAST, STREET

Each

Pioneer — 25½ in. High, Heavy Tin, Green Enameled, No. 3 Tinned Steel Safety Wing-Lock Cone Burner, 1½ in. Wick, Plain Pioneer Globe, 2⅞ in. Post Socket, Self-Extinguishing Device, for Either Post or Bracket .....$.

Extra Fount and Burner—For Above.....

Gives a light of 22 candle power. Fount holds sufficient oil to burn 24 hours.

Requires no chimney and gives a steady light, double that of an ordinary street lamp. It can be filled, lighted and regulated without removing the globe.

Weight Each 27 Pounds.

One in a Box.

STREET LAMP BRACKETS

Each

No. 1—20 in. Long, Ornamental Iron, Black Japanned, for Street Lamps..... $..

LANTERN BRACKETS AND HOLDERS

No. A. No B. No. E.

Per Dozen

No. A—Dash Clamp Holder, for Junior Wagon and Eureka Octo and Union Driving Lanterns . $.

No. B—Finger Prop Holder, for Junior Wagon and Eureka, Octo and Union Driving Lanterns. .. ..

No. E—Flat Bracket Holder, for Junior Wagon Lanterns, to Locate Same on Any Size of Vehicle.. ....

Open Stock

LAMP BRACKETS

Per Dozen

No. 140—3½ in. Arm, 5½ in. Diameter Cup, Cast Iron, Enameled, with Reflector Pin..... $2 50

One-half Dozen in a Box, with Screws.

Per Dozen

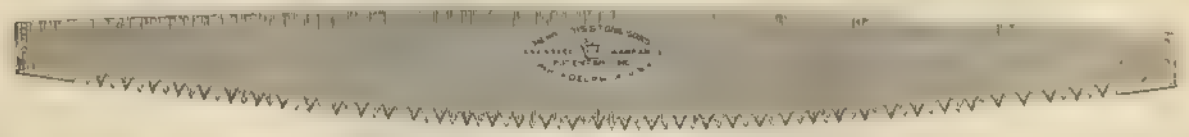
No. 150—10 in. Arm, 5½ in. Diameter Cup, Cast Iron, Enameled, with Reflector Pin.....$6.00

One-sixth Dozen in a Box, with Screws.

CROSS CUT SAWS

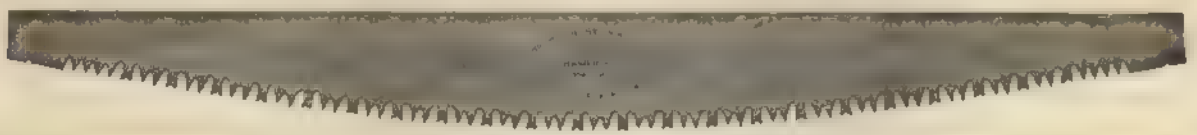
HENRY DISSTON & SONS

Disston's Cross Cut Saws are taper ground. They are uniform in thickness on the cutting edges and of relative and uniform thickness throughout the blade of the saws, the taper being ground on lines conforming to the breast of the saw, to a thin or extra thin back, gives the saws the maximum amount of clearance at all parts of the blades without sacrificing their weight, stiffness or elasticity



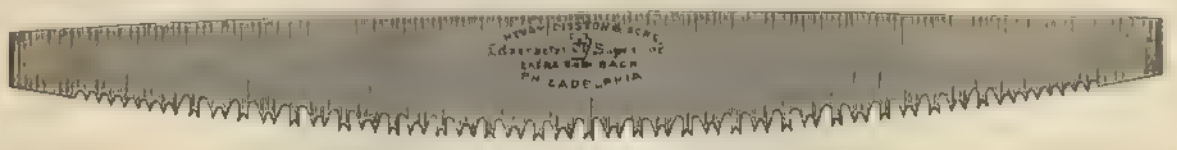
No. 1T—Tenon Tooth, Finest Crucible Spring Steel, Extra Thin Back, Hardened and Tempered, Taper Ground, Four Gauges Thinner on Back than on Tooth Edge.

Length, Feet	5	5½	6
Width at Center, Inches	6¾	7	7¼
Weight Each, Lbs.	5	6	6½
Each, without Handles	$3.25	3.57	3.90



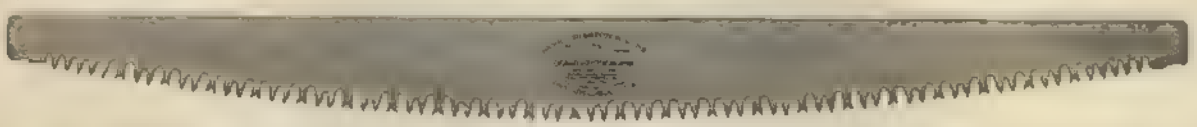
No. 1C—Champion Tooth, Finest Crucible Spring Steel, Extra Thin Back, Hardened and Tempered, Taper Ground, Four Gauges Thinner on Back than on Tooth Edge.

Length, Feet	5	5½	6
Width at Center, Inches	7	7¼	7½
Weight Each, Lbs.	5	6	6½
Each, without Handles	$3 25	3 57	3 90



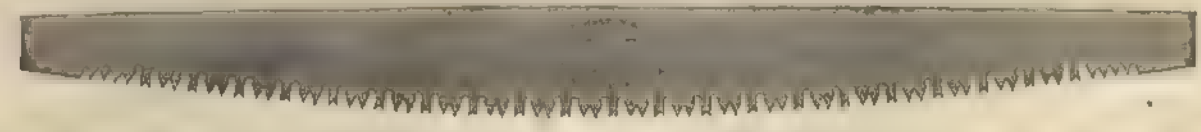
No. 2C—Champion Tooth, Finest Crucible Spring Steel, Thin Back, Hardened and Tempered, Taper Ground, Two Gauges Thinner on Back than on Tooth Edge.

Length, Feet	5	5½	6
Width at Center, Inches	7	7¼	7½
Weight Each, Lbs.	5	6	6½
Each, without Handles	$3.00	3.30	3.60



No. 287—Diamond Point "Vim" Champion Tooth, Finest Crucible Spring Steel, Extra Thin Back, Hardened and Tempered, Taper Ground, Five Gauges Thinner on Back than on Tooth Edge.

Length, Feet	5	5½	6
Width at Center, Inches	6¼	6½	6¾
Weight Each, Lbs.	5	6	6½
Each, without Handles	$4.55	5.30	6.20



No. 1TT—Tuttle Tooth, Finest Crucible Spring Steel, Extra Thin Back, Hardened and Tempered, Taper Ground, Four Gauges Thinner on Back than on Tooth Edge.

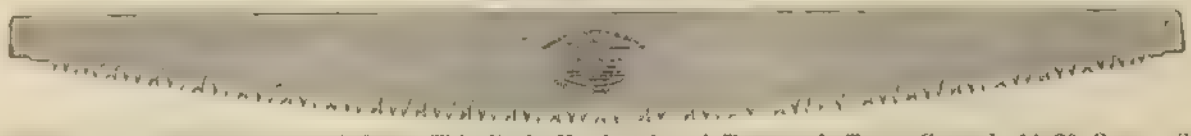
Length, Feet	5	5½	6
Width at Center, Inches	6¾	7	7¼
Weight Each, Lbs.	5	6	6½
Each, without Handles	$3 25	3 57	3 90

All Above, Open Stock, Wood Strips on Cutting Edge

CROSS CUT SAWS

HENRY DISSTON & SONS

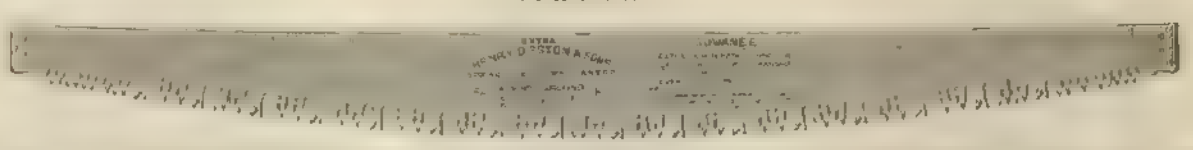
VIRGINIAN



No. 280—Finest Crucible Spring Steel, Extra Thin Back, Hardened and Tempered, Taper Ground, 14x20 Gauge, Six Gauges Thinner on Back than on Tooth Edge.

Length, Feet	5	5½	6
Width at Center, Inches	6⅞	6⅞	7⅛
Weight Each, Lbs.	5	6	6½
Each, without Handles	$4.55	5.30	6.20

SUWANEE



No. 495—Finest Crucible Spring Steel, Extra Thin Back, Hardened and Tempered, Taper Ground, 14x20 Gauge, Six Gauges Thinner on Back than on Tooth Edge.

Length, Feet	5	5½	6
Width at Center, Inches	6⅞	6⅞	7⅛
Weight Each, Lbs.	5	6	6½
Each, without Handles	$4.55	5.30	6.20

The Virginian and Suwanee Cross Cut Saws are made of Disston finest Crucible Steel. Tempered by the exclusive Disston Process which imparts the "Superior Edge and Set-Holding Qualities" for which the Disston Saws are renowned. Ground an even gauge throughout the entire tooth-edge and six gauges thinner on the back than on cutting edge, insures free running and fast cutting saws.

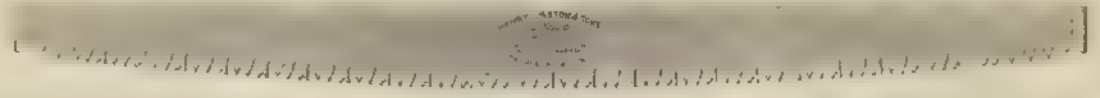
ORIOLE

No. 480—Finest Crucible Spring Steel, Extra Thin Back, Hardened and Tempered, Taper Ground, 14x19 Gauge, Five Gauges, Thinner on Back than on Tooth Edge.

Length, Feet	5	5½	6
Width at Center, Inches	6¾	6½	6¾
Weight Each, Lbs.	5	6	6½
Each, without Handles	$4.55	5.30	6.20

Recommended as a super or saw for fast cutting. Extra high temper, superior quality steel, workmanship and finish

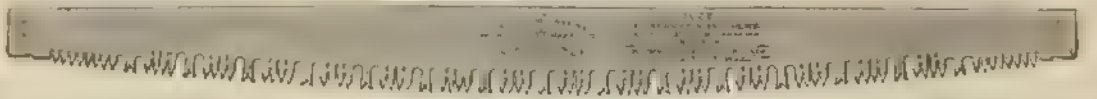
"ZIP"



No. 270—Finest Crucible Spring Steel, Extra Thin Back, Hardened and Tempered, Taper Ground, 14x19 Gauge, Five Gauges Thinner on Back than on Tooth Edge.

Length, Feet	5	5½	6
Width at Center, Inches	5¼	5½	5½
Weight Each, Lbs.	5	6	6½
Each, without Handles	$4.55	5.30	6.20

"BUZZ"



No. 470—Finest Crucible Spring Steel, Extra Thin Back, Hardened and Tempered, Taper Ground, 14x19 Gauge, Five Gauges Thinner on Back than on Tooth Edge.

Length, Feet	5	5½	6
Width at Center, Inches	5½	5¾	6
Weight Each, Lbs.	5	6	6½
Each, without Handles	$4.55	5.30	6.20

'Zip' and 'Buzz' Cross Cut Saws are tempered by the exclusive Disston Process which imparts the "Superior Edge and set-Holding Qualities" for which the Disston brand of saws are renowned.

All Above, Open Stock; Wood Strips on Cutting Edge

CROSS CUT SAWS

HENRY DISSTON & SONS

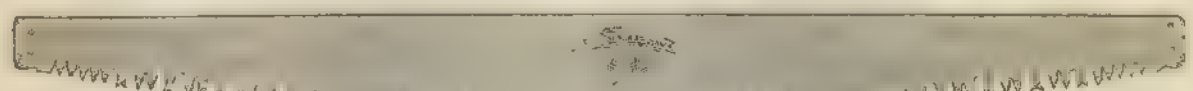
"CARIBOU" STRAIGHT BACK, FOR FELLING AND BUCK SAWING

No. 450—Finest Crucible Spring Steel, Extra Thin Back, Hardened and Tempered, Taper Ground, Four Gauges Thinner on Back than on Tooth Edge, All Lengths 5 in. Wide at Center.

Length, Feet	5	5½	6
Weight Each, Lbs.	4	4½	5
Each, without Handles	$4.55	5.30	6.20

SIMONDS MFG. CO.'S
CRESCENT GROUND

In the Simonds Crescent Ground Saws the teeth are of even thickness throughout the entire length of the saw thus giving the same relative taper and clearance at all parts or sections of the saw, and making binding in the kerf impossible This added strength given to the saw enables the operator to push as well as pull the saw.



No. 13—Champion Tooth, Highest Grade Crucible Steel, Crescent Ground, Extra Thin Back, Five Gauges Taper from Middle of Saw to Back, Two Gauges Taper from Ends of Saw to Back.

Length, Feet	5	5½	6
Weight Each, Lbs.	5	6	6½
Each, without Handles	$4.30	5.10	5.90

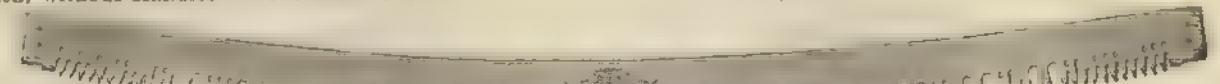
No. 22—Perforated Lance Tooth, Highest Grade Crucible Steel, Crescent Ground, Extra Thin Back, Five Gauges Taper from Middle of Saw to Back, Two Gauges Taper from Ends of Saw to Back.

Length, Feet	5	5½	6
Weight Each, Lbs.	5	6	6½
Each, without Handles	$4.30	5.10	5.90

SIMOND'S CRESCENT GROUND FELLING

No. 315—Champion Tooth, Hollow Back, Highest Grade Crucible Steel, Crescent Ground, 14 Gauge at Tooth Edge, 19 Gauge at Back Edge.

Length, Feet	5	5½	6
Weight Each, Lbs.	4	4½	5
Each, without Handles	$4.30	5.10	5.90



No. 325—Perforated Lance Tooth, Hollow Back, Highest Grade Crucible Steel, Crescent Ground, 14 Gauge at Tooth Edge, 19 Gauge at Back Edge.

Length, Feet	5	5½	6
Weight Each, Lbs.	4	4½	5
Each, without Handles	$4.30	5.10	5.90

ATKINS HOLLOW BACK MATCHLESS

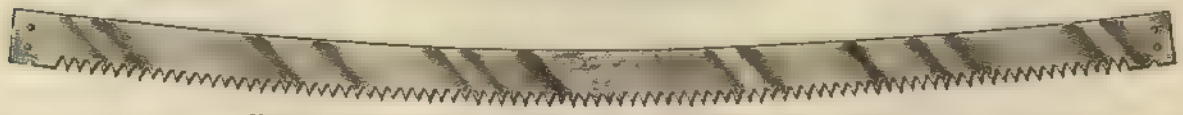
No. 382—14x16 Gauge, Special Patented Tooth, Special Steel, Particularly Well Adapted for Heavy Service, Will Cut Extremely Fast at Any Angle.

Length, Feet	5	5½	6
Weight Each, Lbs.	3½	3¾	4
Each without Handles	$2 05	2 26	2.46

All Above Open Stock, Wood Strips on Cutting Edge

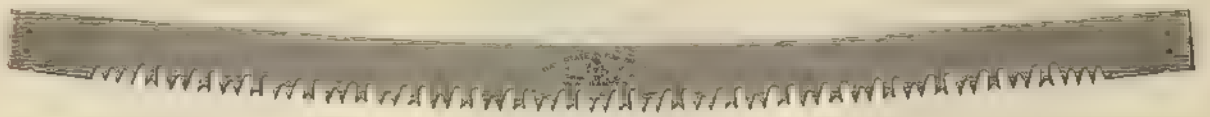
CROSS CUT SAWS

BAY STATE HOLLOW BACK



No. 216—Plain Tooth, Hollow Back, Crucible Steel, Tempered.

Length, Feet	4½	5	5½	6
Weight Each, Lbs.	3	3½	3¾	4
Each, without Handles	$1.26	1.40	1.54	1.68



No. 210—Champion Tooth, Hollow Back, Crucible Steel, Tempered.

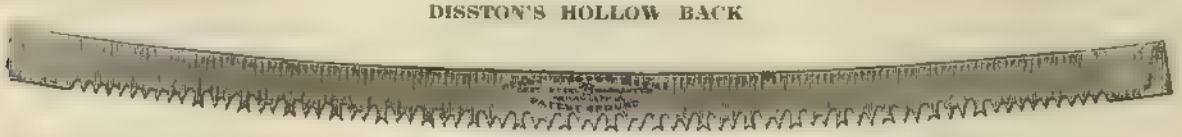
Length, Feet	4½	5	5½	6
Weight Each, Lbs.	3	3½	3¾	4
Each, without Handles	$1.26	1.40	1.54	1.68

VICTOR HOLLOW BACK

No. 386—Perforated Lance Tooth, Hollow Back, Finest Crucible Spring Steel, Tempered.

Length, Feet	5	5½	6
Weight Each, Lbs.	3½	3¾	4
Each, without Handles	$2.50	2.75	3.00

DISSTON'S HOLLOW BACK



No. 280—Triumph Champion Tooth, Hollow Back, Finest Crucible Steel, 3½ in. Wide at Ends and Center.

Length, Feet	4½	5	5½	6
Weight Each, Lbs.	3	3½	3¾	4
Each, without Handles	$1.62	1.80	1.98	2.16

All Above, Open Stock; Wood Strips on Cutting Edge.

ONE MAN CROSS CUT SAWS

HENRY DISSTON & SONS

These Skewback Saws are ground thin towards the back, narrower in width than Regular One-Man Saws, teeth long and slim, extra wide gullets, rakers special shape with "undercut" for clearance.

Finest crucible spring steel, selected thoroughly seasoned hardwood handle with extra large grip carefully fitted to blade and fastened with four strong brass screws, beechwood supplementary handle.

No. D10—Two Cutter.

Length, Feet	3	3½	4	4½	5	5½
Width at Butt, Inches	7⅜	7½	7⅝	7¾	7⅞	8
Weight Each, Lbs.	4	4½	5½	6	7	8
Each, with Handles	$2.70	3.15	3.60	4.05	4.50	4.95

No. D110—Four Cutter.

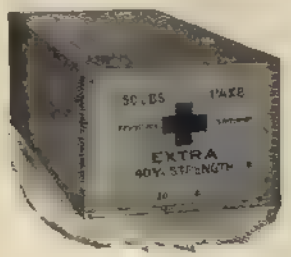
Length, Feet	3	3½	4	4½	5	5½
Width at Butt, Inches	7⅜	7½	7⅝	7¾	7⅞	8
Weight Each, Lbs.	4	4½	5½	6	7	8
Each, with Handles	$2.70	3.15	3.60	4.05	4.50	4.95

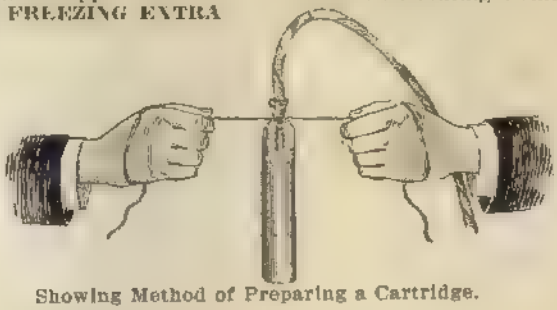
One-quarter Dozen in a Bundle

DYNAMITE

Dynamite and Dynamite Caps are not Carried in Stock, but are Shipped Direct from Nearest Distributing Point.

DUPONT RED CROSS LOW FREEZING EXTRA





Showing Method of Preparing a Cartridge.

Standard Size of Cartridge 1¼x8 in.

	40	50	60
Ammonia, Per Cent Strength			
Per 100 Pounds		Market Price	

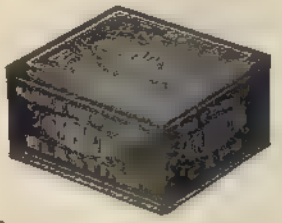
25 Pounds (50 Sticks) in a Case.

A low freezing Dynamite. Seldom requires thawing even in the coldest weather. Red Cross Dynamite will be found most satisfactory for an all around explosive for general purposes.

Note—Dynamite and Powder can be shipped together, but under no circumstances can they be shipped with Dynamite Caps or any other goods.

Dynamite and Powder cannot be shipped by express or boat, but must go by freight.

DYNAMITE CAPS



	Per 1000
No. 6—1⅝ in. Long	Market

One Hundred in Red Metal Box.

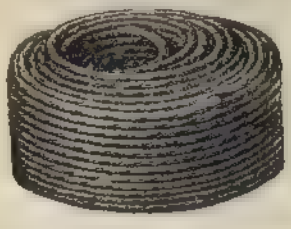
Note—Dynamite Caps cannot be shipped with Dynamite or Powder, nor with other goods, but must be shipped alone by freight.

CAP CRIMPERS

	Each
No. 1—5¾ in. Long, Steel Nickel Plated	$1 40

One-half Dozen in a Box.

SAFETY FUSE

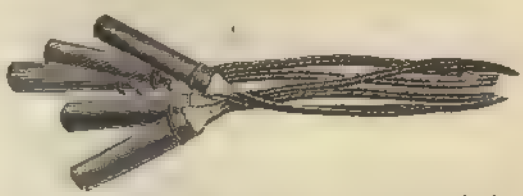


	Per 1000 Feet
Cotton—For Use in Dry Ground	$
Single Tape—For Use in Damp Work	
Double Tape—For Use in Wet Work	

50 Feet in a Coil; 100 Feet in a Package.

1000 Feet in a Case.

ELECTRICAL FUZES



Used with Blasting Machines for Firing Explosives

No. 6—Double Strength, with Copper Wires.

Length Wire, Feet	4	6	8	10	12
Weight Per 100, Lbs.	3½	5¼	6¾	8	9¾
Per 100	$				

50 in a Carton (no Less Sold); 500 in a Case

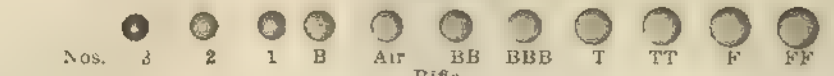
BLASTING MACHINES

DUPONT PUSH DOWN

	Each
No. 2—Two Posts, has a Capacity of 10 Copper Wire Electric Blasting Caps or 7 Iron Wire Electric Blasting Caps, Used in Stump and Boulder Blasting and Where More than 5 Holes are to be Fired at a Time, Weight 15 Lbs	$
No. 3—Two Posts, has a Capacity of 30 Copper Wire Electric Blasting Caps, Standard Size for Quarry and Mine, Weight 25 Lbs	

Blasting Machines are used to generate the current for firing blasts by electricity. Dupont Blasting Machines are small, portable dynamos, in which the armature is rotated by the downward thrust of the rack bar, thereby converting muscular energy into electrical energy.

SHOT



Nos.	12	10	8	7	6	5	4	3	2	1	B	Air Rifle	BB	BBB	T	TT	F	FF
Diameter, Inches	.05	.07	.09	.10	.11	.12	.13	.14	.15	.16	.17	.17½	.18	.19	.20	.21	.22	.23
No. in Ounce, Drop	2326	848	399	291	218	168	132	106	86	71	59	55	50	42	36	31	27	24
No. in Ounce, Chilled	2385	868	409	299	223	172	136	109	88	73	...	...	...	...	...	...	..	..

DROP SHOT	Per Sack
Nos. 5 to 1—25 Pound Sacks	$.....
Nos. B and Larger—25 Pound Sacks	

CHILLED SHOT	Per Sack
Nos. 5 to 1—25 Pound Sacks	$.....

BOY SCOUT AIR RIFLE SHOT

This Shot is made with especial care to fit most makes of Air Rifles. The tube is designed for pocket use, and by turning the band, the shot may be removed as wanted.

	Per Case
Boy Scout—In 5 Ounce Tubes, Contain Over 250 Pellets, 100 Tubes in a Case	Market Price

GUN WADS

WINCHESTER

CARDBOARD

"A" Thickness, for Use Over Powder, 70-1000 in. Thick.					
Gauge	9	10	12	16	20
Per 1000	$0 40	.40	.35	.35	.35
"B" Thickness, for Use Over Shot, 40-1000 in. Thick.					
Gauge	9	10	12	16	20
Per 1000	$0.40	.40	.35	.35	.35

BLACK EDGE

⅛ in. Thick, Elastic Felt with Paper on Both Sides.

Gauge	9	10	12	16	20
Per 1000	$2 70	2.70	2.25	2.25	2 25

250 in a Box, 4 Boxes (1000) in a Package

CARTRIDGE BELTS

Per Dozen

No. 13½—Best Quality Heavy Russet Leather, 2½ in. Wide, 1⅛ in. Leather Loops Stitched on, Heavy Nickel Plated Buckle, Capacity 35 Rounds, Made in all Calibers $9.00

SHELL BELTS

Per Dozen

No. 2—Extra Fine Canvas Webbing, 3 in. Wide, Heavy Canvas Shell Pockets Closed at Bottom by Canvas Strips, Leather Buckle and Shoulder Strap, Holds 29 Shells, 10 to 20 Gauge $6 00

CLEANING IMPLEMENTS

Four Piece Set, For Brass and Paper Shot Shells.
Set Contains One Each Loader, Recapper, Shell Extractor, Powder and Shot Measure.

Nos.	15010	15012	15016	15020
Gauge Nos.	10	12	16	20
Per Dozen Sets	$6.72	6.72	6.72	6.72

One Set in a Box.

Five Piece Set, For Brass and Paper Shot Shells.
Set Contains One Each Loader, Closer, Recapper, Shell Extractor, Powder and Shot Measure.

Nos.	16010	16012	16016	16020
Gauge Nos.	10	12	16	20
Per Dozen Sets	$15.34	15.34	15 34	15.34

One Set in a Box.

SAFETY RAZORS

GILLETTE

Each

No. 460—**Standard,** Solid Metal Razor, Triple Silver Plated, with 12 Double Edged Wafer Blades in Box to Match Razor, All in Velvet Lined Morocco Grain Leather Case, with Clasp..... $5.00

No. 466B—Same as No. 460, but Seal Case and Gold Plated Razor 6.00

No. 468B—Same as No. 460, but Pigskin Case and Gold Plated Razor 6.00

Each

No. 460B—**Standard,** Solid Metal Razor, Triple Silver Plated, with 12 Double Edged Wafer Blades in Metal Box to Match Razor, All in Velvet Lined Nickel Plated Metal Case..... $5.00

No. 460C—Same as No. 460B, but Triple Silver Plated Metal Case 6 00

No. 460G—Same as No. 460B, but Gold Plated Case and Razor 7 50

Each

No. AR—**Aristocrat, The French Ivory Set,** Solid Metal Razor, Triple Silver Plated, with 12 Double Edged Wafer Blades in French Ivory Box, All in Velvet Lined French Ivory Case . $5 00

No. ARG—Same as No. AR, but Gold Plated Razor. 6.00

Beautifully modeled on lines of refined simplicity. Especially desirable for gift purposes.

Each

No. BD—**Bull Dog,** Solid Metal Razor, Triple Silver Plated, with 12 Double Edged Wafer Blades in Box to Match Case, All in Velvet Lined Oval Gray Antique Leather Case 85 00

No. BDG—Same as No. BD but Gold Plated Razor. 6 00

Has a stocky bull dog handle, heavier than the Gillette Standard, extra generous in the grip and beautifully balanced.

SAFETY RAZORS

GILLETTE

Each

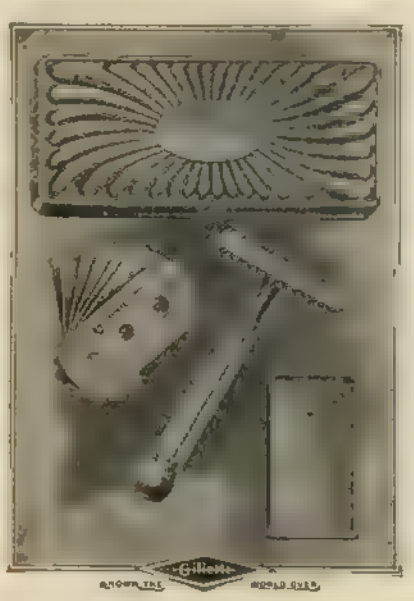
No. 500—Pocket Edition, Solid Metal Razor, Triple Silver Plated, with 12 Double Edged Wafer Blades in Metal Box to Match Razor, All in Velvet Lined Triple Silver Plated Plain Metal Case $5.00

No. 500B—Same as No. 500, but Gold Plated Case and Razor 6.00

Each

No. 501—Pocket Edition, Solid Metal Razor, Triple Silver Plated, with 12 Double Edged Wafer Blades in Metal Box to Match Razor, All in Velvet Lined Triple Silver Plated Basket Pattern Metal Case $5 00

No. 501B—Same as No. 501 but Gold Plated Case and Razor 6 00



Each

No 502—Pocket Edition, Solid Metal Razor, Triple Silver Plated, with 12 Double Edged Wafer Blades in Metal Box to Match Razor, All in Velvet Lined Triple Silver Plated Shell Pattern Metal Case $5.00

No. 502B—Same as No. 502, but Gold Plated Case and Razor 6 00

Especially Designed for Women. Each

Milady Decollete—Solid Metal Razor of Dainty Size, 14k Gold Plate, with 12 Double Edge Wafer Blades in Metal Box to Match Razor, in a French Ivory Case Modeled After the Lines of an Antique Japanese Pearl Case of Rare Beauty. Lined with Satin and Velvet in Purple, Old Rose, Green or Gold $5 00

No sleeves, transparent excuses for sleeves, free movement and graceful pose of the dance, all make insistent demand for a smooth skin.

SAFETY RAZORS

GILLETTE

No 641

Each

No. 461—Combination Set, Solid Metal Razor, Triple Silver Plated, 12 Double Edged Wafer Blades in Metal Box, Telescope Pattern Badger Hair Shaving Brush, Stick Gillette Shaving Soap in Triple Silver Plated Holder, All in Velvet Lined Morocco Leather Covered Case.....$6 00

No. 461B—Combination Set, Solid Metal Razor, Triple Silver Plated, 12 Double Edged Wafter Blades in Metal Box, Telescope Pattern Badger Hair Shaving Brush, Stick Gillette Shaving Soap in Triple Silver Plated Holder, All in Velvet Lined Nickel Plated Metal Case 6.50

No. 461.

Each

No. 00—Standard Combination Set, Solid Metal Razor, Silver Plated, 12 Double Edged Wafer Blades, Two Metal Blade Boxes, Badger Hair Shaving Brush and Stick Gillette Shaving Soap in Triple Silver Plated Holders, All in Seal Grain Leather Case $6.50

No 00A—Same as No. 00, but in Morocco Case..... 8 00

No. 00B—Same as No. 00, but in Pigskin Case..... 8 00

No. 00G—Same as No. 00, but Gold Plated Razor, Blade Boxes and Fittings, in Morocco Case 10.00

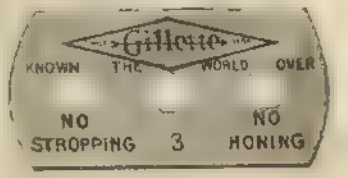
Each

No. 422—Combination Set, Solid Metal Razor, Triple Silver Plated, Two Metal Blade Boxes with 12 Double Edged Wafer Blades, Fine Quality Badger Hair Shaving Brush and Stick Gillette Shaving Soap, in Triple Silver Plated Holders, One Plate Glass Mirror, in Piksgin Case.....$ 9.00

No. 421—Same as No. 422, in Seal Case, Blade Boxes to Match 9.00

No. 421G—Same as No. 421, but Gold Plated Razor and Fittings 12 00

No. 422G—Same as No. 422, but Gold Plated Razor and Fittings 12.00



GILLETTE BLADES

Gillette Blades are made from a special formula steel, and have two cutting edges. The keenest edge ever devised, highly polished. Each blade is put up in its separate rust proof envelope.

Per Package

No. 12—12 Blades (24 Shaving Edges) in a Package....$1.00

No. 6—6 Blades (12 Shaving Edges) in a Package..... .50

SAFETY RAZORS

AUTO-STROP

The Auto-Strop Safety Razor is simple and unique; it is the only Automatic Stropping Safety Razor on the market. It shaves, strops automatically and cleans without removing the blade from the holder. The adjustable feature is supremely simple, as it permits the user to adjust at will for a light or close shave.

Each

No. 1—Standard Outfit, Contains One Quadruple Silver Plated Self Stropping Razor, 12 Auto-Strop Blades, One Shell Horsehide Strop, in Handsome Satin and Velvet Lined Black Leather Case, Patent Interior Metal Arch Receptacle for Strop, has Hinged Front Panel Enabling Full Display of Contents $5 00

AUTO-STROP BLADES

Made of Finest Lancet Steel, Under the Most Scientific Process. Each Blade in a Moisture Proof Wrapper

Per Package

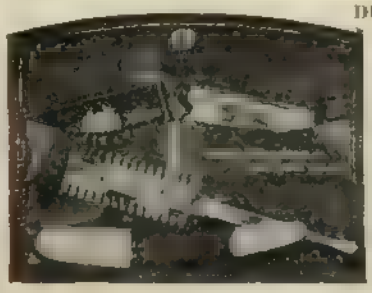
No. 012—12 Blades in a Package $1 00
No. 00—6 Blades in a Package ..... .50

AUTO-STROP STROPS

Each

No. 15—1½x15 in., Fine Grade Shell Horsehide, Specially Prepared, Cord Loop at End $0 50

DURHAM DUPLEX DOMINO



Durham Duplex Blades are made of the Finest Tempered Steel, Double Edged, Hardened, Tempered, Ground, Honed and Stropped. Each Blade has Exactly the Same Quantity and Quality of Keenness.

Each

Durham Duplex Domino—Set Consists of Silver Plated Razor with White American Ivory Handle, Safety Guard, Stropping Attachment and a Package of Three Durham Duplex Blades, All in a Neat Durable Red Leather Case $1.00

Durham Duplex Blades—Five Blades in a Package, Hermetically Sealed ..... Per Package, .50

EVER-READY

Each

Standard Set—One Piece Triple Nickel Plated Brass Frame, Rust Proof, Bowl Shape to Retain Lather, Scored Stout Handle, with 8 Tempered Radio Steel Blades in Nickel Metal Sheaths. Complete in a Velvet Lined Wood Case, Covered with a Black Leatherette of a Tough Waterproof Texture, Snap Button Fastener $1 00

Ever-Ready Radio Steel Blades have a Delicate Cutting Edge. Each Blade is Individually Wrapped in a Patent Package, Dust and Damp Proof.

Per Package

No. 6E—6 Blades in a Package ..... $.....

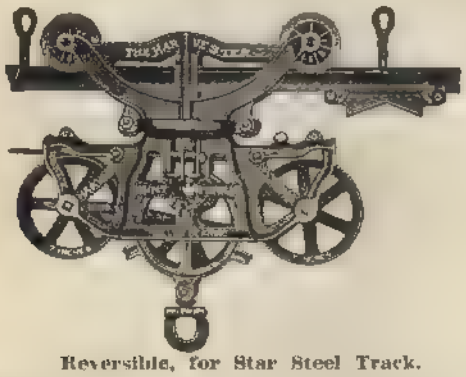
Per Gross

No. 24—**Card,** 24 Packages of 6 Blades Each on a Heavy Metal Lithographed Show Card. .$.

These Blades will fit Ever-Ready Yankee, Star, Gem and other frames.

HAY CARRIERS

HARVESTER



Reversible, for Star Steel Track.

Each

No. 494 Best Grade Malleable Iron Frame, Fully Reinforced, Aluminum Finish, Trimmed in Red, 13½ in. Wheel Base from Center to Center, Roller Bearing **$9 00**

Best gray iron tracker wheels, 3 in. in diameter at the tread, hub drilled to take special steel axle.

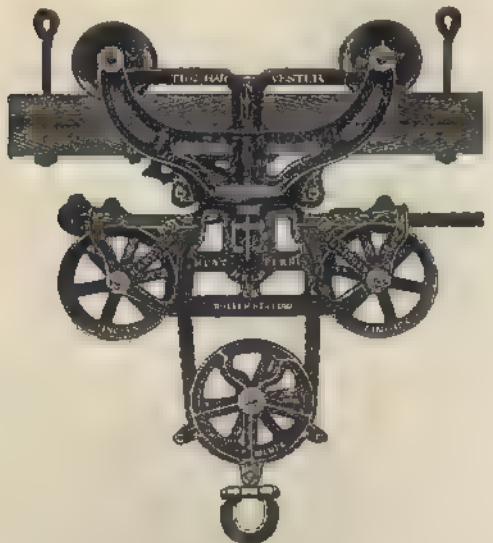
Lathe turned steel axle, 7 in. diameter best gray iron sheaves drilled to take steel axle. Three larger sheaves are grooved for ¾ or ⅞ in. rope or for ⅜ in. wire cable, as desired Eleven ¼ in. steel roller sheaves bearings, revolving on ⅝ in. steel shoulder pin.

Improved fork pulley, fitted with 7 in. roller bearing.

Sheave and sister hook constructed of two malleable iron castings, swiveling on steel bolt.

Improved gravity lock Best malleable iron trip block, with a depression in the under side bolting over a rivet head on the track, making it impossible to loosen.

Weight Each 48 Pounds.



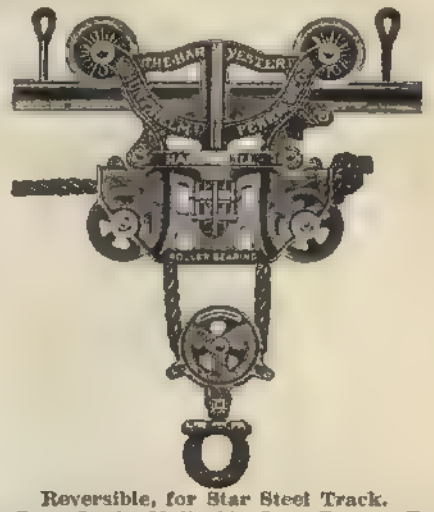
Reversible, for Wood Track.

Each

No. 494—Best Grade Malleable Iron Frame, Fully Reinforced, Aluminum Finish, Trimmed in Red, 15¾ in. Wheel Base from Center to Center, Roller Bearing **$9 00**

Best gray iron tracker wheels, 4 in. diameter at tread, with wide flanges and hub drilled to take steel axle, otherwise same detail description as No. 493.

Weight Each 53 Pounds.



Reversible, for Star Steel Track. Each

No. 502—Best Grade Malleable Iron Frame, Fully Reinforced Aluminum Finish, Trimmed in Red, 11½ in. Wheel Base from Center to Center, Ball Bearing **$7.50**

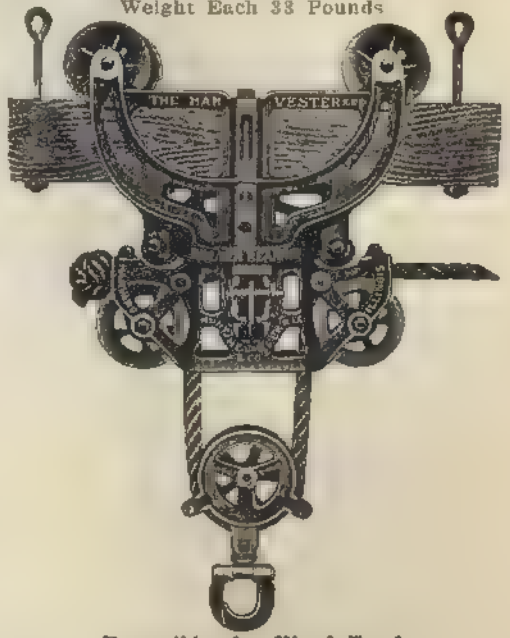
No. 502PB—Plain Bearing Otherwise Same as No. 502 .... **7.00**

Best gray iron tracker wheels, 3 in diameter at tread, wide flange hub, drilled to take steel axle. Lathe turned steel axle, 4 in. diameter best gray iron sheaves drilled to take steel axle Grooved for ¾ or ⅞ in. rope. Eleven ¼ in steel roller sheave bearings revolving on ⅝ in. steel sholder pin.

Improved fork pulley with sister hook constructed of two malleable castings swiveling on steel bolt.

Improved gravity lock. Best malleable iron trip block, with a depression in the under side bolting over a rivet head on the track, making it impossible to loosen.

Weight Each 33 Pounds



Reversible, for Wood Track. Each

No. 503—Best Grade Malleable Iron Frame, Fully Reinforced, Aluminum Finish, Trimmed in Red, 12 in. Wheel Base from Center to Center, Roller Bearing **$7.50**

No. 503PB—Plain Bearing Otherwise Same as No 503 .. . . **7 00**

Same detail description as No. 502

Weight Each 37 Pounds

Note—Sling Pulleys May be Used in Place of Fork Pulleys, Allowing the Use of Slings.

HAY CARRIERS

HARVESTER

Reversible, for Star Steel Track.

Each

No. 564—Best Grade Malleable Iron Frame, Fully Reinforced, Aluminum Finish, Trimmed in Red, 15½ in. Wheel Base from Center to Center, Roller Bearing $8 50

No. 564PB—Plain Bearing, Otherwise Same as No 564 ..... 8 00

Best gray iron tracker wheels, 3 in. diameter, with hub drilled to take special steel axle.

4 in. best gray iron sheaves, with eleven ¼ in. roller bearings, revolving on ⅝ in. steel shoulder pin.

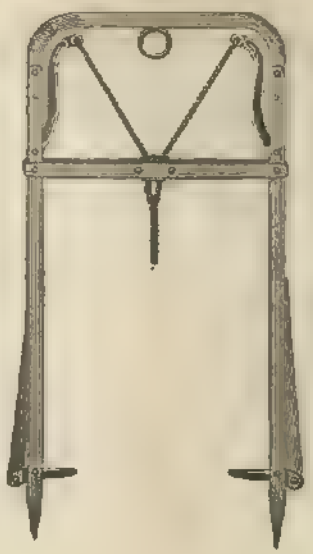
Latest design fork pulley, mounted in heavy frame, fully reinforced with sister hook construction of two malleable iron castings, swiveling on steel bolt.

Improved gravity lock. Best malleable iron trip block, with a depression on the under side bolting over a rivet on the track, making it impossible to loosen.

Weight Each 38 Pounds.

HAY FORKS

HARRIS PATTERN DOUBLE HARPOON



Cut Shows Position of Fork when Loaded

Short Head.

Each

No. 313—Steel, 18 in. Wide, Length of Tines from Cross Brace to Points 25 in..... $1.60

Weight Each 16 Pounds.

HAY FORKS

DOUBLE HARPOON

Cut Shows Position of Fork when Unloaded.

Extra Long Head.

Each

No. 97—Steel, 18 in. Wide, Length of Tines from Cross Brace to Points 31 in..... $2.00

Weight Each 18 Pounds.

GRAPPLE

Cut Shows Position of Fork when Loaded.

With Center Tine.

Each

No. 99—4 Tine, Best Quality Spring Steel, Nicely Finished, Simple and Sure Grip..... $8 00

Weight Each 38 Pounds.

HAY CARRIER TRACK

STAR

Cut Showing Section of Track.

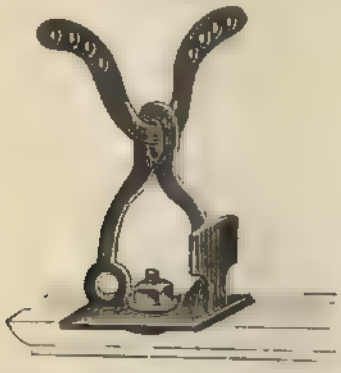
Cut Showing Construction of Splice Block.

No. 142—Star, Double Flange Steel Track, 6, 8 or 10 ft Long, Weight Per Foot 2 Lbs.....Per Foot, $0.30
No. 143—Splice Blocks, for Steel Track, Weight Each 1 Lb. .....Each, .40

Simple in construction, strong and durable. The hangers are movable and will fit the rafters at any point. The Trip Block is movable and can be fastened to the track at any place where there is a rivet.

The Splice Block consists of three pieces of malleable iron, two on the outside, one on the inside, all securely bolted. No drilling or punching to be done to fit the splice.

COMBINED END HANGER AND STOP



Per Dozen
No. 146—For Double Flange Steel Track, to Keep the Carrier from Running Off the End of the Track $2.10

Weight Per Dozen 6 Pounds

HANGERS

Per Dozen
No. 148—For Double Flange Steel Track.....$2.10

Weight Per Dozen 4 Pounds.

RAFTER BRACKETS

Per Dozen
No. 126—Malleable Iron for Wood or Steel Track..$0 90

Weight Per Dozen 3¾ Pounds.

TRACK RODS

Per Dozen
No. 78—To be Used with Combined End Hanger and Stop where it is Desired to Prevent the Track from Working Endwise.. $

Weight Per Dozen 16 Pounds

FLOOR HOOKS

Wrought Iron, Coarse Sharp Thread.

Size, Inches	⅝x6½	¾x7
Weight Per Dozen, Lbs.....	8	12
Per Dozen	$1.20	1.40

BRACKET NAILS

Per Pound
No. 24—25 Nails to a Pound.....$.....

HAY FORK PULLEYS

Per Dozen

No. 101 Painted Cast Iron Frame, 6 in. Hard Maple Sheave, Revolving on Large Hollow Pin, Swivel Eye **$3 20**

Weight Per Dozen 37 Pounds.

Per Dozen

No. 102—Painted Cast Iron Frame, 6 in. Cast Iron Sheave, Revolving on Large Hollow Pin, Swivel Eye **$3.70**

Weight Per Dozen 48 Pounds

Per Dozen

No. 103—Knot Passing, Painted Best Quality Malleable Iron Frame, 6 in. Hard Maple Sheave, Revolving on Large Hollow Pin, Malleable Iron Swivel Eye **$4.60**

Weight Per Dozen 35 Pounds.

Per Dozen

No. 48—Knot Passing, Extra Strong and Heavy Painted Malleable Iron Frame, 6 in. Hard Maple Sheave Revolving on Large Hollow Pin, Malleable Iron Swivel Eye..... **$5.40**

The frame is constructed to prevent chafing of rope.

Weight Per Dozen 40 Pounds

Per Dozen

No. 111—Reed Pattern, Hard Maple Frame, with Wrought Steel Yoke, 5 in. Hard Maple Sheave, Revolving on Large Bushing, Malleable Iron Swivel Eye **$4.00**

Weight Per Dozen 33 Pounds

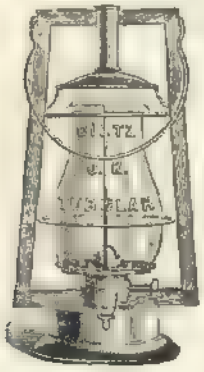
Per Dozen

No. 112—Reed Pattern, Hard Maple Frame with Wrought Steel Yoke, 5 in. Hard Maple Sheave, Revolving on Large Bushing, Malleable Iron Swivel Hook **$4 00**

Weight Per Dozen 35 Pounds

Tubular Lanterns.

O. K.



Square Tubular.

Per Dozen

No. 29—13 in. High Over All, Hinge Attachment with Guard, No 1 Tinned Steel Burner, Dietz "Fitall" Globe, ⅝ in. Wick, Tin Fount, Capacity 12 Hours..$10 00

Weight Per Dozen About 35 Pounds

MONARCH

Round Tubular.

Per Dozen

No. 27½—13⅝ in. High Over All, Side Lift, with Guard, No 1 Patented Tinned Steel Safety Wing Lock Burner, Dietz "Fitall" Globe, ⅝ in. Wick, Dome Shaped Solderless Tin Fount, Capacity 18 Hours $8 90

Weight Per Dozen About 36 Pounds. One-half or One Dozen in a Box.

ROYAL

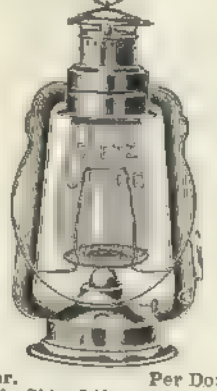
Round Tubular.

Per Dozen

No. 1B—13½ in High Over All, Side Lift, with Guard, No 2 Patented Tinned Steel Burner, Dietz "Fitall" Globe, 1 in. Wick, Solderless Tin Fount, Capacity 20 Hours $11.70

Weight Per Dozen About 37 Pounds.

JUNIOR COLD BLAST



Round Tubular. Per Dozen

Junior Tin—11¾ in. High Over All, Side Lift, with Guard, No. 1 Junior Patent Tinned Steel Safety Wing Lock Burner, Dietz "Junior" Globe, ⅝ in. Wick, Dome Shaped Solderless Tin Fount, Capacity 13 Hours.....$11.70

Weight Per Dozen About 30 Pounds.

Junior Brass—Brass Frame, Otherwise Same Description as Junior Tin..... 21.15

Junior Brass, Nickel Plated—Brass Frame, Otherwise Same Description as Junior Tin. 28 90

Weight Per Dozen About 38 Pounds

One Dozen in a Box.

WIZARD COLD BLAST

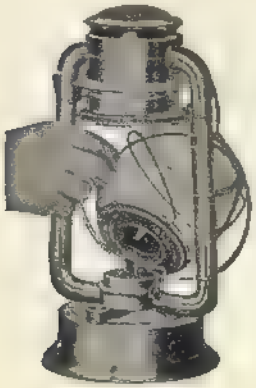
Round Tubular.

Per Dozen

No. 31—11½ in. High Over All, Side Lift, with Guard, No. 1 Patent Wing Lock Pattern Steel Burner, 3¾ in High Short Globe, ⅝ in Wick, Rising Cone, Double Seamed Solderless Fount, Capacity 18 Hours.....$16.10

Weight Per Dozen About 45 Pounds.

One-half or One Dozen in a Box.



Nos 25 to 28

D-LITE COLD BLAST

Round Tubular. Per Dozen

No. 25—13 in. High Over All, Hinge Attachment with Guard, No 2 Coneless Tinned Steel Burner, "D-lite" Globe, 1 in. Wick, Tin Fount, Capacity 24 Hours..... $18.35

No. 26—Same Description as No. 25, but with Brass Fount, Tin Dome 24 50

No. 28—Same Description as No. 25, with Brass Fount and Brass Dome 28.90

Weight Per Dozen About 48 Pounds

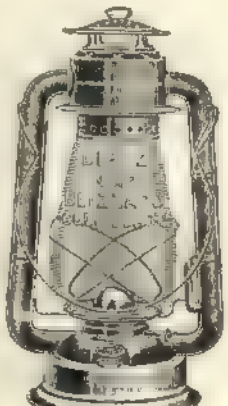
BLIZZARD COLD BLAST

Round Tubular. Per Dozen

No. 32—15 in High Over All, Side Lift, with Guard, No. 2 Coneless Tinned Steel Burner, Dietz "Blizzard" Globe, 1 in. Wick, Tin Dome, Shaped Solderless Fount, Large Oil Filler, Capacity 18 Hours, Weight Per Dozen About 52 Lbs.....$14 50

No. 41—Polished Brass Fount, Otherwise Same Description as No. 32, Weight Per Dozen About 52 Lbs..... 21.10

No. 42—Large Tin Fount, Capacity 40 Hours, Otherwise Same as No. 32, Weight Per Dozen About 60 Lbs.. 16.70



Nos. 32 to 42.

Lanterns.

CADET

Brass

Per Dozen

No. 50—6¾ in. High, Cadet Globe, No. 0 Convex Burner, ⅝ in. Wick.....$4 50

Simple in construction, easily taken apart, lighted and regulated from the outside

Weight Per Box About 65 Pounds. Six Dozen in a Box.

BUCKEYE

Square Tubular.

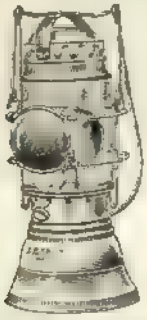
Per Dozen

No. 13—13½ in. High Over All Side Lift, Black Enameled, Corrugated Tin Reflector, 2¼ in. Bull's-Eye Lens, Dash Attachment and Hand Bail, Dietz "Fitall" Globe, No. 1 Tinned Steel Burner, ⅝ in. Wick, Tin Fount, Capacity 19 Hours. . $13 70

Weight Per Dozen About 52 Pounds

Lanterns.

JUSTRITE ACETYLENE



Automatic Generator. Each

No. 10—9¼ in. High Over All, 4¼ in. Wide at Base, Heavy Brass Construction, Nickel Plated, Wire Handle, Wire Guards Enclosing the Glass Globe, Bull's-Eye Lens, Burner, Gas Feed and Carbide Container, German Silver Reflector, Burns 5 to 6 Hours with 3 Oz. of Carbide.....$5 80

Weight Each About 2¼ Pounds.

STAR, RAILROAD

Double Wire. Per Dozen

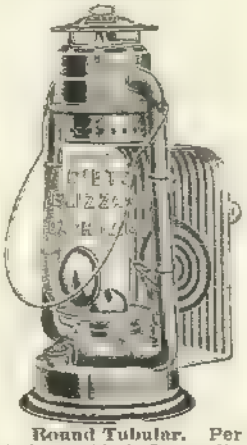
No. 39—10¼ in. High Over All, Hinge Top, Wire Guard, Automatic Catch, Spring Globe Holder, No. 39 Globe, Lard Oil Burner, Outside Wick Raiser, One Piece Tin Fount $17.25

The Dome of this Lantern is drawn out of one piece heavy tin, thereby obviating the melting and warping of the top

Weight Per Dozen About 43 Pounds One Dozen in a Box.

Dash Lanterns.

BLIZZARD



Round Tubular. Per Dozen

No. 22—14¾ in. High Over All, Side Lift, Black Enameled, Corrugated Tin Reflector, 2¼ in. Bull's-Eye Lens, Dash Attachment and Hand Bail, Dietz Blizzard Globe, No. 2 Coneless Tinned Steel Burner, 1 in. Wick, Solderless Tin Fount, Capacity 20 Hours $22.75

Weight Per Dozen About 80 Pounds One-half Dozen in a Box.

Driving Lamps.

COLUMBIA

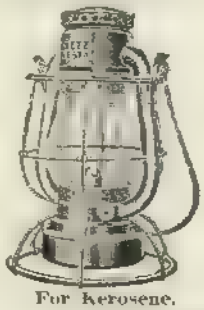
For Oil.

Each

No. 200—8¾ in. High Over All, Gun Metal Finish, Highly Polished, Heavy Bent Lens, Red Rear Signal, with Bracket to Fasten to Left Side of Wagon or Buggy $3.00

Weight Each About 1¼ Pounds.

VESTA, RAILROAD



For Kerosene.

Cold Blast, Round Tubular.

Per Dozen

No. 40—11 in. High Over All, Hinge Top, Wire Guard, Automatic Bayonet Catch, Dietz "Vesta" Globe, No. 0 Burner, ⅝ in. Wick, Tin Fount, Capacity 16 Hours..$26 65

Weight Per Dozen About 48 Pounds.

One Dozen in a Box

BEACON REFLECTOR

Square Tubular.

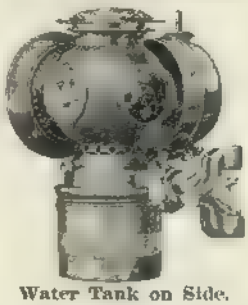
Per Dozen

No. 0—14½ in. High Over All, Top Lift, Bright Tin Hood, 5 in Spun Metal Polished and Plated Reflector, Dash Attachment and Hand Bail, Dietz "Fitall" Globe, No. 1 Tinned Steel Burner, ⅝ in. Wick, Solderless Tin Fount, Capacity 20 Hours.....$31 10

Weight Per Dozen About 64 Pounds.

Driving Lamps.

SOLAR ACETYLENE



Water Tank on Side.

Each

No. 8D—6¾ in. High Over All, Nickel Plated Brass with Bracket, 1½ in. Ruby Jewel Side Light, Removable Aluminum Reflector, 2⅝ in Double Convex Front Lens..$5 80

Weight Each About 2½ Pounds.

Driving Lamps.

NEVEROUT

For Oil.

Nos 44 to 60

9 ¼ in. High Over All, 4 ⅜ in. Long, 4 ½ in. Wide, 4 ⅝ in Diameter Face, Heavy Gauge Best Drawn Brass, German Silver Glass Covered Reflector, Large Oil Reservoir

	Each
No. 44—Polished Brass, with No. 46 Bracket	$5 35
No. 50—Brass, Gun Metal Finish, with No. 46 Bracket	5.60
No. 45—Polished Brass, with No. 53 Bracket	5 35
No. 53—Brass, Gun Metal Finish, with No. 53 Bracket	5.60
No. 60—Brass, Nickel Plated, with No 46 Bracket	5 60

Weight Each About 3 Pounds.

	Per Dozen
No. 46—Dash Bracket Only, Has a Universal Clamp which Can be Attached to Practically Any Projection on a Carriage or Wagon	$4 50
No. 53—Panel Bracket Only, Used Principally on Wagons where it is Attached by Screws to the Side	3.00
No. 47—Rail Bracket Only, Fastens to the Horizontal Bow or Rail on Side of Top	5 60
No. 49—Lens Only, for Nos. 44, 50, 45, 53 and 60 Neverout Lamps	3 35

No. 46

No. 53.

No 47.

UNION

Cut Shows Dash Clamp Holder

With 5⅛ in. Plain Lens.	Per Dozen
No. 35—11 ¼ in. High Over All, Cold Rolled Steel Body, Black Enameled with Brass Door Rim, Right and Left Hand Sockets, Heavy Gauge Removable Aluminum Reflector, Nickel Plated Brass Burner, ⅜ in. Wick, 2 ¼ in. Ruby Rear Lens, with Ball and Dash Clamp Holder, Capacity 10 Hours	$61.15

Weight Per Dozen About 72 Pounds.

With 5⅛ in. Optical Lens.	Per Dozen
No 35½—11 ¼ in. High Over All, Cold Rolled Steel Body, Black Enameled with Brass Door Rim, Right and Left Hand Sockets, Heavy Gauge Removable Aluminum Reflector, Nickel Plated Brass Burner, ⅜ in. Wick 2 ¼ in Ruby Rear Lens, with Ball and Dash Clamp Holder, Capacity 10 Hours	$67.75

Weight Per Dozen About 72 Pounds

One-half Dozen in a Box.

	Per Dozen
No. 37—Extra Dash Holders, for Use on Side of Dash	$ 4.50
No. 38—Extra Plain Lens, with Brass Rims, for Use on No. 35 Union Lamp	13 35
No. 38½—Extra Optical Lens, with Brass Rims, for Use on No. 35½ Union Lamp	13.35

Lamps.

NEW EUREKA DRIVING

With 3 in. Door Lens.	Per Dozen
No. 20—7 ½ in. High Over All, Black Enameled Body with Nickel Plated Door, Dash Clamp Socket and Clamp, Patent Wing Lock Burner, ⅝ in. Wick, Ruby Rear Lens, Capacity of Fount 10 Hours	$25.35

Weight Per Dozen About 42 Pounds

JUNIOR SIDE, DRIVING

Cold Blast, Round Tubular.	Per Dozen
No. 48—11 ¾ in. High Over All, Black Enameled, Bright Corrugated Tin Reflector, Bull's-Eye Lens, 3 ¼ in. Ruby Rear Lens, No. 1 Tin Steel Burner, ⅝ in. Wick, Junior Globe, Capacity 13 Hours, Complete with Bracket	$20 90

Weight Per Dozen About 54 Pounds.

One-half Dozen in a Box

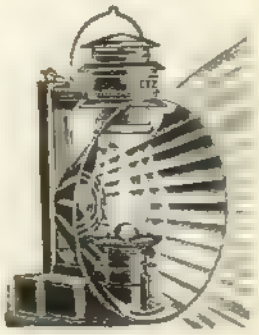
TUBULAR SIDE

Cold Blast, Tubular.	Per Dozen
No. 15—15 in. High Over All, Blue Japanned, 5 in. Silvered Glass Reflector, No. 1 Blizzard Tinned Steel Burner, ⅝ in. Wick, Dietz "Fit-all" Globe, Capacity of Fount 45 Hours	$38 35

Weight Per Dozen About 62 Pounds

Search Lights.

DIETZ



No 30

Cold Blast, Tubular.

Per Dozen

No. 30—15¼ in. High Over All, Blue Japanned, 12 in. Diameter Bright Tin Reflector, 7 in Deep, 2¾ in Bull's-Eye Lens, Attached to Perforated Plate, Blizzard Globe, No. 2 Blizzard Tinned Steel Burner, 1 in. Wick, Capacity of Fount 35 Hours $41 15

Weight Per Dozen About 90 Pounds

One-half Dozen in a Box

Cold Blast, Tubular.

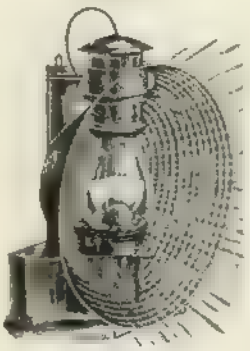
Per Dozen

No. 100—16 in. High Over All, Blue Japanned, 7 in. Diameter Nickel Plated Brass Reflector, 16 in. Hood, No. 0 Cold Blast Globe, No. 2 Burner, 1 in. Wick..... $46.65

Weight Per Dozen About 96 Pounds

One-half Dozen in a Box.

BUHL



No 100

Kitchen Side Lamps.

Japanned Steel Frame.

Per Dozen

No. 3 Glass Filler Fount, Bright Tin Reflector, No. 2 Sun Burner, 1 in. Wick, No. 2 Sun Chimney...$5 60

Weight Per Dozen About 25 Pounds.

One-half Dozen in a Box.

Green Japanned Tin Fount.

Per Dozen

No. 5 Bright Tin Reflector No. 2 Sun Burner 1 in Wick, No. 2 Sun Chimney $7 25

Weight Per Dozen About 20 Pounds.

Open Stock.

No 808

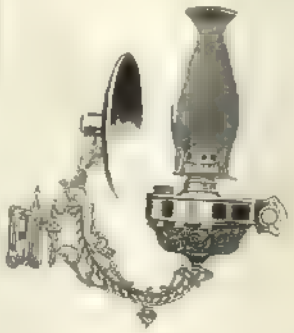
BRILLIANT, Blue Japanned Tin Fount.

Per Dozen

No. 21—6⅞ in. Diameter Corrugated Bright Tin Reflector, No. 2 Sun Burner, 1 in. Wick, No. 2 Sun Chimney $7.00

Weight Per Dozen About 22 Pounds.

Open Stock



French Bronze Finish Bracket.

Per Dozen

No. 78—Handled Glass Filler Fount, 8 in. Diameter. Silvered Glass Reflector. No. 2 Sun Burner, 1 in. Wick, No. 2 Sun Chimney . $14 50

Weight Per Dozen About 50 Pounds

Open Stock.

Mammoth Hanging Lamps.

IMPROVED BANNER

Each

No. 858—No. 3 Embossed Brass Fount, Circular Burner and Wick, 20 in Corrugated Tin Reflector, Central Draft, No. 3 Banner or Rochester Chimney, Capacity of Fount 1 Gallon..... $6.15

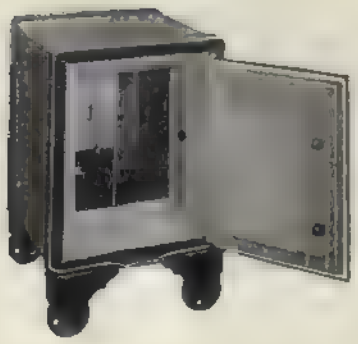
Weight Each About 7 Pounds

The Wick Raiser is controlled by a Thumb Screw, so that the Wick cannot fall by a sudden jar. The Lock Extension Harp Ring allows the Fount to be removed with one Hand by dropping through the Ring, instead of lifting as in other Lamps. Has extra Feeder Wick and Oil Drip Cup on inside Tube, which carries any overflow to the Wick

One in a Box

Medium Wall Safes.

NORTHWESTERN SAFE MFG. CO.'S



No. 300.

No. 303.

Construction and Material Used The body of these Safes is made of one continuous sheet of Bessemer Steel, forming top, bottom and two sides, being securely riveted at the bottom with heavy Boiler Rivets. Corners and Edges protected with Bars which pass entirely around the body of the Safe, one at the front and one at the back, each formed of one continuous bar of steel welded at each corner (not riveted) The back of the Safe is formed of one sheet of selected Bessemer steel set inside the angle frame This method of construction eliminates all weak spots, giving the greatest strength and rigidity to the Safe so that it will stand a fall from a considerable height, and prevents it being crushed by walls or heavy timbers falling upon it A special feature of these Safes is the intersecting flange on the inner edge of the door which fits in behind the angle frame thus giving a close fit and increasing the efficiency of the Safe in excluding heat and moisture Heavy outside hinges riveted to the angle frame and door are used: also asbestos packing around the door frame and door.

Fire-Proof Composition The Composition is composed of the most effective heat resisting ingredients with cement as a base It is mixed by experts is introduced into the walls of the Safe in a semi liquid state and allowed to harden The greatest care has to be used in this operation and the Composition is such that when exposed to heat, owing to its chemical nature, it throws off a vapor which is a non-conductor of heat After fire proof composition has gone through this process, it loses its fire-proof qualities This explains why a second hand safe that has gone through a fire is of no value so far as fire protection is concerned The Northwestern Safes have been given actual tests by subjecting them to steady and intense heat for long periods, and in every case the interior of the Safe and its contents have been perfectly preserved

Operation: The bolt work is of the special design simple in construction and never gets out of order The lock and bolt works are easy of access for oiling and changing the combination if desired Yale Combination Locks on outside doors and Yale key locks on inside doors cash box and lock drawers are used Yale locks are considered the best made, cannot be picked, and operate only on the numbers on which the combination is set These locks can be set on one, two three or four number combinations as desired.

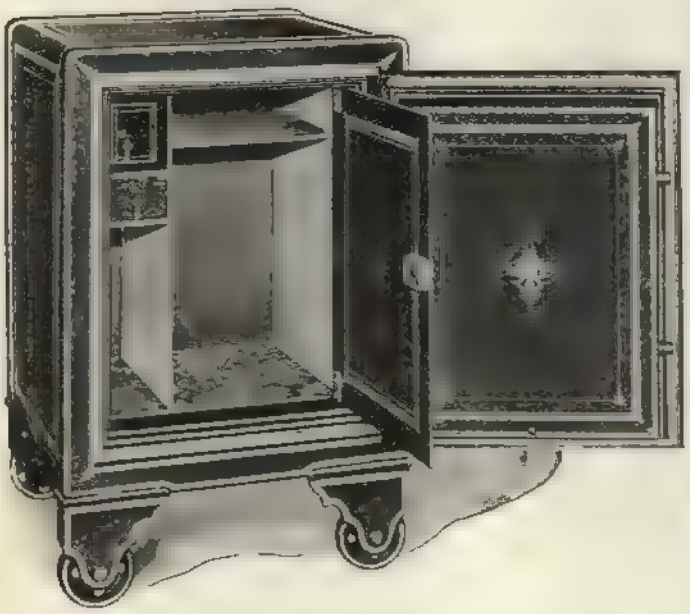
Decoration These Safes are handsomely finished in Dark Green and Gold Stripes, and we letter your name on if requested without extra charge

		Each
No. 300	Outside Measurement, 22½ in High 13¾ in Wide 14½ in Deep, Inside Measurement 11 in High, 7¾ in Wide, 8 in Deep, without Inside Door, Approx Weight 400 Lbs, Interior Arrangement: Sub-Treasury 4x3½ in., 1 Drawer with Lock, 4x2¾ in., 1 Pigeon Hole 4x3¾ in., 1 Book Space 8½x11 in.....	$44.50
No. 301	Outside Measurement, 26 in High, 18¾ in Wide, 19 in Deep, Inside Measurement, 11½ in High, 10½ in Wide, 10 in. Deep; without Inside Door, Approx. Weight 350 Lbs.; Interior Arrangement: Sub-Treasury 4x3¾ in., 1 Drawer with Lock, 3⅜x2¾ in., 1 Pigeon Hole 4x4¼ in., 1 Book Space 6x11½ in.....	53 30
No. 302	Outside Measurement, 28 in High, 19⅜ in Wide 13 in Deep, Inside Measurement, 14⅝ in High 11¾ in Wide 10 in Deep with Inside Door, Approx Weight 540 Lbs, Interior Arrangement: Sub-Treasury 4⅛x4⅛ in., 1 Drawer with Lock, 4⅛x3 in., 1 Pigeon Hole 4⅛x5¾ in., 1 Book Space 6¼x13½ in.	62 25
No. 303	Outside Measurement 31 in High 22 in Wide, 23 in Deep Inside Measurement, 16⅝ in High 13⅞ in. Wide, 13 in Deep with Inside Door Approx Weight 840 Lbs, Interior Arrangement: Sub Treasury 5x11½ in., 1 Drawer with Lock, 5x3 in., 1 Pigeon Hole 5x3 in., 1 Book Space 5x11 in.....	80 00

Shipped F. O. B. Minneapolis, Minn.

Medium Wall Safes.

NORTHWESTERN SAFE MFG. CO.'S



Nos. 305 and 306.

No 309

Each

No. 304—Outside Measurement, 33¾ in. High, 23⅛ in. Wide, 24 in. Deep; Inside Measurement, 18½ in. High, 15¾ in. Wide, 14 in. Deep; with Inside Door, Approx. Weight 950 Lbs.; Interior Arrangement: Sub-Treasury 5x5¼ in., 1 Drawer (with Lock) 5x3 in., 1 Pigeon Hole 5x3 in., 1 Pigeon Hole 5x5 in., 1 Book Space 9¼x13¾ in., 1 Shelf 9¼x3¼ in. ..... $ 98.25

No. 305—Outside Measurement, 37 in. High, 25¼ in Wide, 25 in. Deep; Inside Measurement, 21½ in. High, 17⅜ in Wide, 15 in. Deep; with Inside Door, Approx. Weight 1220 Lbs.; Interior Arrangement: Sub-Treasury 5x5¼ in., 1 Drawer (with Lock) 5x3 in., 2 Pigeon Holes, One 5x2 in. and One 5x8¼ in., 1 Book Space 11x15¾ in. and 1 Shelf 11x4¾ in. 106.75

No. 306—Outside Measurement, 39¼ in. High, 26¼ in Wide, 25 in. Deep; Inside Measurement, 24½ in. High, 19 in Wide, 16 in. Deep, with Inside Door, Approx. Weight 1350 Lbs.; Interior Arrangement: Sub-Treasury 5x5¼ in., 1 Drawer (with Lock) 5x3 in., 1 Pigeon Hole 5x3 in., 1 Shelf Pigeon Hole 12¾x4¾ in., 2 Book Spaces, One 5x11 in., One 12¾x18½ in. 125.50

No. 307—Outside Measurement, 41¾ in. High, 29¼ in. Wide, 26 in. Deep, Inside Measurement, 26⅜ in. High, 21⅜ in. Wide, 16 in. Deep; with Inside Door, Approx. Weight 1440 Lbs.; Interior Arrangement: Sub-Treasury 5¾x6½ in., 5 Pigeon Holes, Two 7x5 in., Two 5¾x5 in., One 5¾x7 in., 2 Book Spaces 7x20½ in., 1 Lock Drawer 5x3 in. 151.25

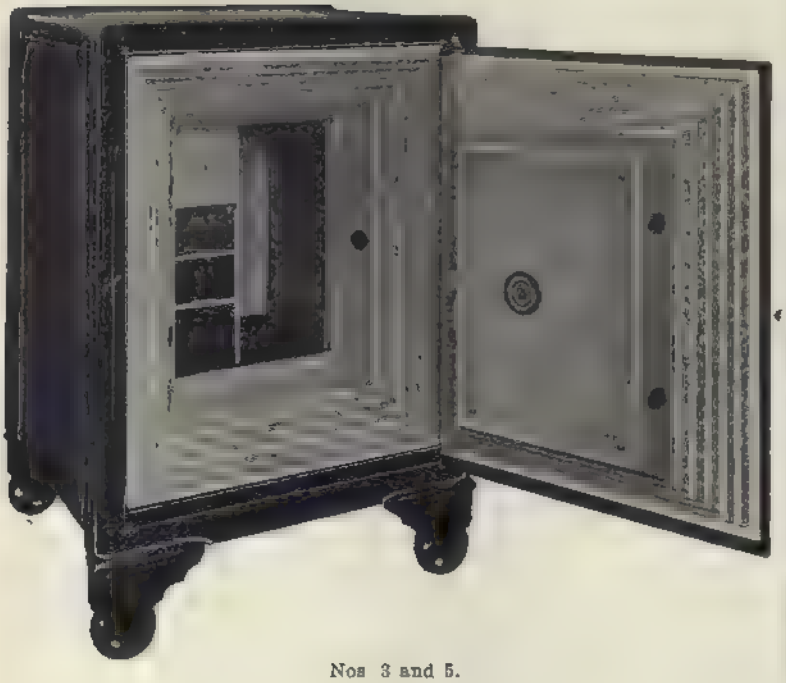
No. 309—Outside Measurement, 62 in. High, 28 in Wide, 26 in. Deep; Inside Measurement, 48 in. High, 20½ in Wide, 17 in. Deep; with Inside Door, Approx. Weight 2290 Lbs.; Interior Arrangement: Sub-Treasury 8x10 in., 4 Pigeon Holes 4x4¾ in., 4 Book Spaces, Two 11x19½ in., Two 11x13⅛ in., 2 Lock Drawers 8x3 in.. 213.50

No. 310—Outside Measurement, 53½ in High, 36 in. Wide, 27 in. Deep; Inside Measurement, 38 in. High, 27½ in. Wide, 17 in. Deep; with Inside Door, Approx. Weight 2250 Lbs.; Interior Arrangement: Sub-Treasury 8x10 in., 11 Pigeon Holes, Five 4x10 in., Six 5x3 in., 3 Book Spaces, Two 9x21 in., One 8x15 in., 2 Lock Drawers 5x4¾ in. 248.75

Shipped F. O. B. Minneapolis, Minn.

Heavy Wall Safes.

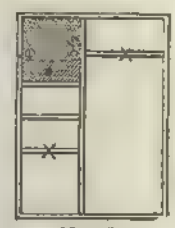
NORTHWESTERN SAFE MFG. CO.'S



Nos 3 and 5.

Nos 1 and 2

No. 4.



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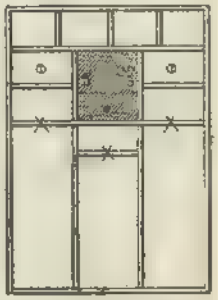

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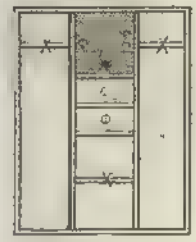

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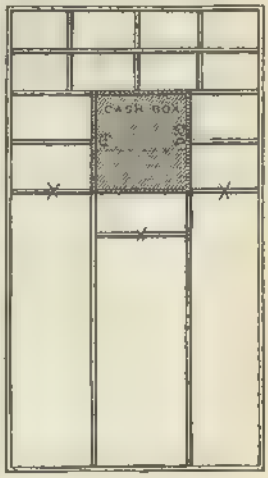

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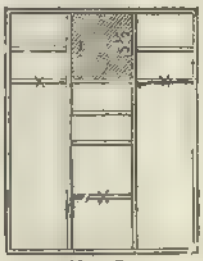


No. 7.

Nos.	Outside Measurement, Inches	Inside Measurement, Inches.	Approximate Weight, Pounds.	Without Inside Door	With Inside Door
1	25½x16½x17	12½x10 x 9	400	$ 62 25	.....
2	33½x22¼x21¾	14 x11 x11	800	75.00	.....
3	35½x24¾x23¾	16 x12 x12	1250	89.00	$ 95.00
5	43 x29 x27¾	20¾x14¾x14	2210	124.50	131.50
6	44 x30¾x28¾	22¾x16¾x14	2330	187.75	149.25
7	46½x31¾x28¾	24 x17 x15	2250	164.50	178.00
8	52 x35¾x28¾	29¼x21 x15	2600	206 75	213.50
10	56 x34¾x28¾	34 x20 x15	2800	222 25	231.00
61	56 x34¾x28¾	34 x26 x16	2800	356.00	356.00
64	74 x51 x37	47½x35½x18	7500	533 00	533 00

NOTE—No 64 has Double Outside and Inside Doors.

Vestibule Vault Doors.

FIRE-PROOF

No 1 Vault Front, Closed.

No. 1—Vault Front, Open.

Standard.

Construction:—Outer door plate formed of $\frac{7}{8}$ in Bessemer steel, reinforced on sides, top and bottom by 2x2x$\frac{1}{4}$ in angles, making door $\frac{7}{8}$ in. thick on front edge. Front frame formed of 4x$\frac{1}{4}$ in. Bessemer steel, riveted at bottom to 2$\frac{3}{4}$x$\frac{3}{8}$ in sill bar 1$\frac{3}{4}$x$\frac{3}{4}$x$\frac{1}{2}$ in steel angles are securely riveted to the frame bars forming the step for the door Sides, top and bottom are formed of No 16 steel reinforced at corners by 1$\frac{1}{4}$x1$\frac{3}{4}$x$\frac{1}{4}$ in angles and fastened to front and rear with 1$\frac{3}{4}$x1$\frac{3}{4}$x$\frac{1}{4}$ in angles To the angles 3$\frac{1}{2}$x$\frac{1}{4}$ in removable bars are fastened The bars are arranged so that they may be removed until the vestibule is set into the wall, after which they are replaced to hold the vestibule securely in position The outer door is hung on two heavy hinges. **Doors swing to the right unless otherwise specified**

Bolt Work:—Outer door is locked with six 1 in round steel bolts, heavily nickel plated, four across, one up and one down, operating through an angle bolt frame Bolts are checked by Yale Four Tumbler Combination Lock, and thrown by Nickel Plated Drop Handle.

Inside Doors:—Are formed of $\frac{7}{8}$ in. Bessemer steel and fold back into the vestibule. Inside doors locked by up and down flat bolt work, checked by key lock

Decoration:—Outer and Inner Doors finished in jet black, gold striped Vestibule painted inside and outside, fern green if desired.

	Each
No. 1 Standard Size, Wall Opening Required 78½ in. High, 32½ in. Wide, 20 in. Deep, Clear Opening Through Vestibule 75 in High, 28 in. Wide	$135.00

Approximate Weight 700 Pounds

Shipped Crated, F. O. B. Minneapolis, Minn.

Wash Boards.

Standard
Family Size.

Per Dozen

No. 870—Enamel King, Single Blue Enamel Surface, Heavy Plate Crimp, Open Back, Solid Protector Top, Enamel Will Not Crack or Chip.....$8 00

Weight Per Dozen About 40 Pounds.

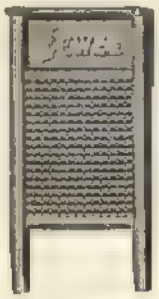
Standard
Family Size.

Per Dozen

No. 852—Roma, Double Galvanized Iron Surface, Heavy Plate Crimp, Securely Tied at Bottom with Steel Rod, Hardwood Frame $4 05

Weight Per Dozen About 42 Pounds.

One-half Dozen in a Bundle.



Pail Size.

Per Dozen

No. 707—Jewel, Single Zinc Surface, Globe Shape, Wide Head Solid Back, Solid Protector Top $2.70

Weight Per Dozen About 16 Pounds.

Washing Machines.

PEERLESS MOTOR

Round, Family Size.

Each

Peerless Motor Washer—Extra Large Red Cypress Tub, Corrugated Inside, Improved Wringer Board, Best Rubber Wire Bound Hose, Galvanized Inside Parts. Motor is Made of Solid Brass Casting, Double Hydraulic Leather Cup Piston, Complete with Motor $23 35

The Peerless operates on 20 lbs. or more water pressure, has no poppet valves, but only one sliding valve that works automatically, as soon as connected to a faucet and the pressure is concentrated so as to perfectly alternate on each side of the piston-head and takes only a minimum of pressure to produce more strokes per minute than any other water motor

Weight Each About 70 Pounds.

One in a Crate.

IRWIN-PREMIER SEMI-SPRINGLESS MOTOR

Solid Cylinder Type Motor

Each

Irwin-Premier Motor Washer—Round, Family Size, Large Stave, Leg Tub, Corrugated Inside, Natural Finish, Improved Wringer Board, Galvanized Inside Parts, Motor Made of Best Quality Red Brass with 2½ in. Piston Stroke. Irwin Patent Double Seated Valve, Bronze Rack Bar and Gear Wire Wound Hose with Weight, Complete with Motor..... $23 35

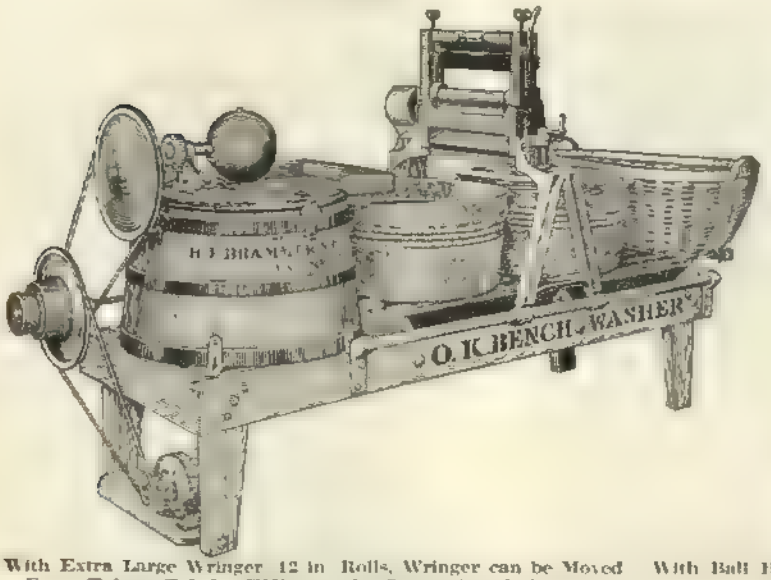
The Irwin-Premier operates on 20 lbs. or more water pressure, has semi-springless quick and positive valve reverse, metal expansion ring for piston packing, motor base with solid double bearings for dasher post, gear and roller bearing.

Weight Each About 80 Pounds.

One in a Crate.

Washing Machines.

O. K. BENCH



With Extra Large Wringer 12 in. Rolls, Wringer can be Moved From Tub to Tub by Sliding on its Supporting Rods, Has Shifting Lever for Stopping or Reversing.

	Each
No. 50—1½ in. Thick Hardened Frame, Bolted Together, Louisiana Cypress Tub with Corrugated Sides and Bottom, Threaded Draining Outlet at Bottom of Tub, Raised Platform for Rinse Tubs, Sliding Clothes Basket Extension, Dasher has Long Powerful Sweep, with Grooved Pulley for Round Belt for Attaching an Electric Motor, and a 4 inch and a 6 inch Pulley for 2 inch Flat Belt, with ⅓ Horse Power Electric Motor	$106.70
No. 55—Without Electric Motor, Otherwise Same as No. 50	55.60

Weight Each About 180 Pounds

One in a Crate.

O. K. ELECTRIC

With Ball Bearing Metal Frame Wringer, Enclosed Gear, Has Shifting Lever for Stopping or Reversing.

	Each
No. 60—Large Round Louisiana Cypress Tub, Corrugated Sides and Bottom, Aluminum Bronzed Hoops and Mechanism, Solid Stave Legs, Threaded Draining Outlet at Bottom of Tub, Dasher has Long Powerful Sweep, Grooved Pulley, with 110 Volt, 60 Cycle Electric Motor	$83 35

Weight Each About 175 Pounds

One in a Crate.

When Ordering Specify Whether Direct or Alternating Current Motor is Wanted. Not Carried in Stock, Shipped Direct From Factory.

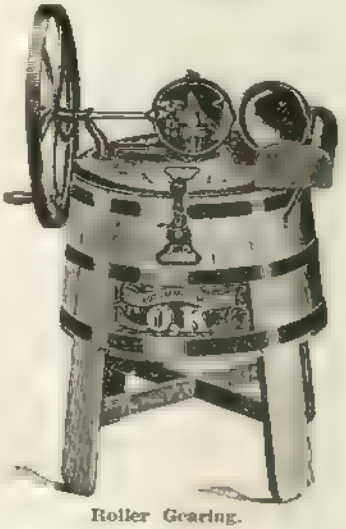
O. K. POWER

With Ball Bearing Metal Frame Wringer, Enclosed Gear, Has Shifting Lever for Stopping or Reversing.

	Each
No. 65—Large Round Louisiana Cypress Tub, Corrugated Sides and Bottom, Solid Stave Legs, Aluminum Bronzed Hoops and Mechanism, Threaded Draining Outlet at Bottom of Tub, Dasher has Long Powerful Sweep, with 10¾ in. Diameter Crown Face Pulley with 2 in. Face	$35.65

Weight Each About 140 Pounds.

O. K. ROTARY



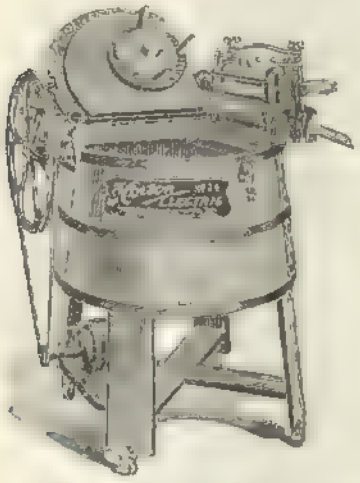
Roller Gearing.

	Each
No. 70—Large Round Louisiana Cypress Tub, Corrugated Sides and Bottom, Solid Stave Legs, Solid Driving Shaft, Extra Heavy Driving Pinion, Natural Finish Tub and Legs, Gold Bronzed Hoops and Gearing, with Green Enameled Fly Wheel	$11.15

Weight Each About 80 Pounds.

Washing Machines.

HORTON ELECTRIC



With Enclosed Gear Metal Frame Wringer, Reversible. Patented Safety Device Stops Wringer Instantly.

Each

No. 28 Round Family Size, Large Louisiana Cypress Stave Leg Tub, with Casters, Corrugated Inside Sides and Bottom, Braced, Natural Wood Finish and Varnished, Gold Bronze Castings, Galvanized Interior Castings and Bolts with Hand Attachment for Use in Case of Power Trouble, Grooved Pulleys, Round Leather Belt, with Motor $83 35

Weight Each About 95 Pounds.

When Ordering Specify Whether Direct or Alternating Current Motor is Wanted. Not Carried in Stock, Shipped Direct From Factory.

WASHWELL

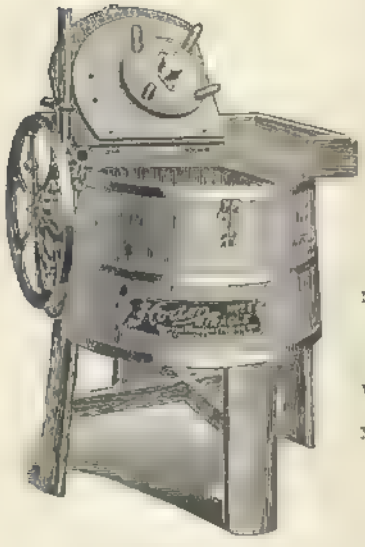
Ball Bearing, High Speed.

Each

Washwell Round, Family Size Well Finished Select Cedar Stave Leg Tub, Natural Wood Finish and Varnished, Improved Wringer Board, Galvanized Metal Parts, Corrugated Lever Construction, Heavy Cast Iron Balance Wheel and Gearings Under Tub..... $16.70

Weight Each About 100 Pounds.

MIRACLE



For Hand Power

With Fly Wheel, For Hand Power Only.

Each

No. 22FW Round Family Size, Best Grade Louisiana Red Cypress Stave Leg Tub, Corrugated Inside Sides and Bottom, Natural Wood Finish and Varnished, Green Enameled Hoops and Fly Wheel, Gold Bronzed Mechanism, Improved Wringer Board, Galvanized Iron Inside Parts, Operating Lever can be Placed Either in a Horizontal or Perpendicular Position to Suit Convenience of Operator $16 70

Weight Each About 100 Pounds.

With Pulley Wheel, For Belt Power Only.

Each

No. 22PW—For Belt Power Only, with Pulley Wheel, Without Fly Wheel, Otherwise Same Description as No. 22FW $16 70

Weight Each About 100 Pounds.

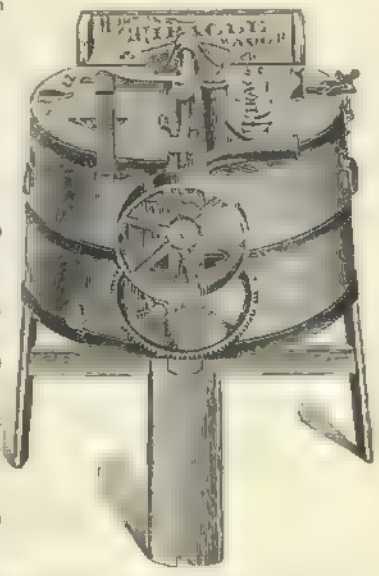
With Fly Wheel and Pulley Wheel, For Hand or Belt Power.

Each

No. 22FPW For Hand or Belt Power, with Fly Wheel and Pulley Wheel, Otherwise Same Description as No. 22FW $16 90

Weight Each About 109 Pounds

All Above, One in a Crate.



Showing Pulley Attached for Belt Power.

EXTRA PULLEY WHEELS

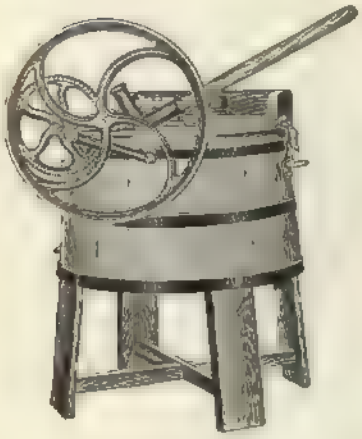
Each

Extra Pulley Wheels—For Belt Power..... $2 25

Washing Machines.

BETTER YET

Round, Family Size.



Better Yet.

Each

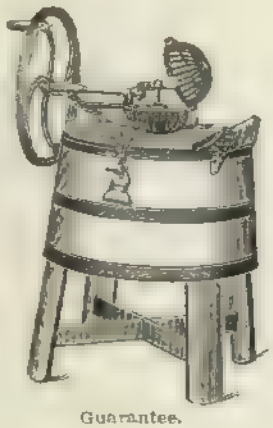
Better Yet—Large Cypress Tub, Corrugated Inside, Natural Finish and Varnished, Improved Wringer Board, Malleable Iron Castings, Hardened Steel Wearing Parts, Galvanized Iron Inside Parts, Large Balance Wheel $13.35

The motion is transmitted by a long casting, which has half circle cogs at each end underneath. Can be worked either sitting down or standing up. The Handle can be taken out of one and put in the other while the machine is in motion. The Lever is connected by a gearing with a Large Fly Wheel, which attains a high rate of speed when the machine is in motion

Weight Each About 75 Pounds.

GUARANTEE

Roller Bearing, Four Stroke Rotary.



Guarantee.

Each

Guarantee—Round, Family Size, Large Cypress Tub, Corrugated Inside, Natural Finish and Varnished, Improved Wringer Board, Galvanized Castings, Covered Gear, Large Green Enameled Fly Wheel.....$11.15

The Guarantee is the only machine on the market that by turning the Balance Wheel in either direction you give four separate and distinct motions on the Pin Wheel, viz: Forward and Back, Up and Down.

Weight Each About 75 Pounds

One in a Crate

PRITZLAFF'S BRILLIANT

Nos. 1 and 2

PRITZLAFF'S BRILLIANT

Double Action, Double Rubber Pattern.

Each

No. 1—Medium Size, Best Grade Louisiana Cypress Tub, Heavy Galvanized Steel Bottom, Casting and Bolts that come in Contact with Water are Galvanized, Large Balance Wheel $11.15

Weight Each About 90 Pounds

No. 2 Large Size. Otherwise Same Description as No. 1..... 12 25

Weight Each About 95 Pounds

By lifting the lower cylinder and allowing it to hang on upper cylinder the whole machine can easily be cleaned, wiped and dried

AMERICAN

Round, Family Size.

Per Dozen

No. 4—Louisiana Cypress Tub, Well Finished in Natural Wood, Corrugated Bottom and Sides, Japanned Iron Castings..... $75.50

Weight Each About 50 Pounds

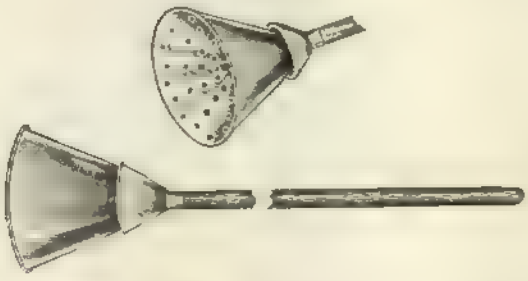
All Above, One in a Crate.

AMERICAN

No. 4.

Pounder Washers

NEW ERA



Heavy Polished Tin.

Per Dozen

New Era—30 in. Wood Handle.....$8.90

The principle involved in these Washers is a pounding and stamping process, creating a suction, thus forcing and drawing the dirt from the clothes.

Weight Per Dozen About 18 Pounds.

Open Stock.

CYCLONE

Heavy Polished Tin.

Per Dozen

Cyclone—30 in. Wood Handle.....$15 60

The principle involved in these Washers is a pounding and stamping process, creating a suction, thus forcing and drawing the dirt from the clothes.

Weight Per Dozen About 21 Pounds.

Open Stock.

LAWN MOWERS

PENNSYLVANIA STANDARD

Extra wide crucible tool steel blades, oil hardened and water tempered.

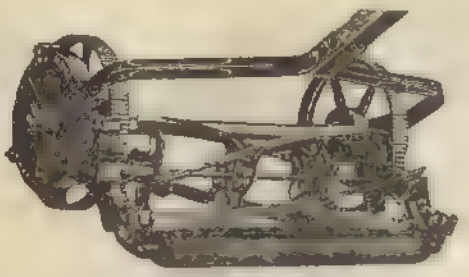
Triple train of gears, giving power and speed. Extra long wheel base. Cuts smoothly over uneven ground.

Malleable and cast parts, accurately machined to insure noiseless service.

Flat pattern crucible tool steel bottom knife, hardened and tempered.

Height of cut ⅝ to 1½ in. Will cut grass standing 6 in. high.

Hardwood handle, iron braces on cross bars.



LOW WHEEL

8 in. Drive Wheels, 5½ in. Reel, Neatly Finished in Green, Red and Blue, Gold Striped.

Width of Cut, Inches...	12	14	16	18
No. of Revolving Blades.	3	4	4	4
Weight Each, Lbs.....	54	58	60	63
Each	$15.00	17 00	19.00	21.00

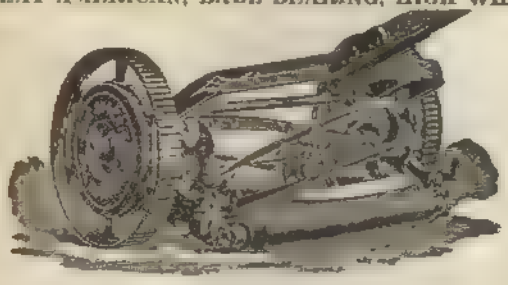
HIGH WHEEL

10½ in. Drive Wheels, 6½ in. Reel, Neatly Finished in Green, Red and Blue, Gold Striped.

Width of Cut, Inches...	15	17	19	21
No. of Revolving Blades.	4	4	4	4
Weight Each, Lbs.....	78	82	85	97
Each	$25 00	28 00	31 00	34.00

The Pennsylvania Standard is the Pioneer of all Lawn Mowers, having an open cylinder, open wheels and a train of gears. One in a Box

GREAT AMERICAN, BALL BEARING, HIGH WHEEL



10 in. Drive Wheels, 6 in. Reel, 5 Revolving Blades, Neatly Finished in Aluminum and Gold, Red and Blue Striped.

Width of Cut, Inches..	15	17	19	21
Weight Each, Lbs.....	65	67	71	76
Each	$25.00	28.00	31.00	34.00

Crucible tool steel blades, oil hardened and water tempered double gears, one in each wheel. Hardened tool steel cones and cups, highest quality extra large balls. Malleable and cast iron parts accurately machined. Tempered crucible tool steel self-sharpened bottom knife with raised edge. Height of cut ½ to 1½ in. Will cut grass 6 in. high. Hardwood handle, iron braces on cross bar.

The perfectly fitted ball cups and cones insure an easy running machine.

One in a Box

GARDEN CITY, BALL BEARING

9 in. Drive Wheels, 5 in. Reel, 4 Revolving Blades, Finished Aluminum, Red and Gold Trimmings.

Width of Cut, Inches....	14	16	18
Weight Each, Lbs.....	45	48	50
Each	$.....	.....	.....

Internal direct drive gears, flat sliding pawl ratchet in each drive pinion. Patent adjustable ball bearings, best tool steel bottom knife.

This mower has a simple, but positive and reliable adjustment of bearings. One screw does it all, while a locking screw positively prevents it from getting out of adjustment.

One in a Box

IMPERIAL, PARALLEL BEARING, HIGH WHEEL

10½ in. Drive Wheels, 6 in. Reel, Four Revolving Blades, Finished in Ivory White, with Red and Gold Trimmings.

Width of Cut, Inches..	14	16	18	20
Weight Each, Lbs.....	54	58	60	62
Each	$20 00	22 00	24 00	26 00

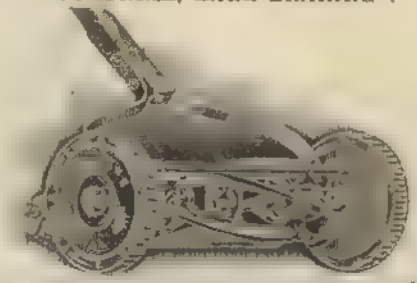
Internal direct drive gears, indestructible triple pawl ratchet in each wheel. Patent split adjustable brass hanger bearings, renewable bronze bearings, patented reversible channel shaped double edged bottom knife. Positive lock adjustment, terrace mowing arrangement.

The knives are adjusted by means of patent hanger and a locking screw holds them securely in place.

The hanger is so constructed that all wear can be taken up in the bearings.

One in a Box

COLONIAL, BALL BEARING



8 in. Drive Wheels, 5 in. Reel, 4 Revolving Blades, Finished in Aluminum and Red, with Gilt Trimmings.

Width of Cut, Inches....	12	14	16
Weight Each, Lbs.....	35	37	39
Each	$.....	.....	.....

Internal direct drive gears, sliding pawl ratchets in each drive pinion. Patent adjustable ball bearings, best tool steel bottom knife.

The sliding pawl ratchets and the adjustment of both bearings and bottom knife is the simplest and most effective made. One screw only is required to adjust the bearings, by means of which all looseness in the revolving cutter bearing can be taken up.

One in a Box.

HEDGE SHEARS

No. 100—High Grade Steel Laid Blades, Not Notched, Hardwood Handles, Steel Ferrules.

Length of Cut, Inches	8	9	10
Weight Each, Lbs.	2¾	3	3½
Each	$1 63	2.00	2 38

Open Stock.

No. 101—Hand Forged Solid Steel, Notched, Offset Shank, Hardwood Handles, Steel Ferrules, Fitted with Bolt and Nut and Steel Spring Washer.

Length of Cut, Inches	8	9	10
Weight Each, Lbs.	2¾	3	3½
Each	$1.88	2.25	2 63

Open Stock

BORDER SHEARS

No. 105

No. 105 Hand Forged Solid Steel Blades, Hardwood Handle, Steel Ferrule, with Wheel.

Length of Cut, Inches	9	10
Weight Each, Lbs.	4½	5
Each	$3 50	4 00

No. 104 Hand Forged Solid Steel Blades, Hardwood Handles, Steel Ferrules, without Wheel

Length of Cut, Inches	9	10
Weight Each, Lbs.	4	4½
Each	$3 00	3 50

Open Stock.

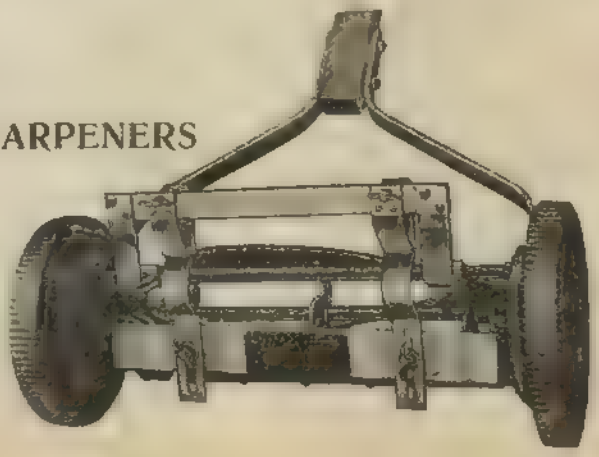
LAWN SHEARS

No. 1062—Hand Forged Solid Steel Blades, Hardwood Handle Steel Ferrule, with Two Wheels

Length of Cut, Inches	9	10
Weight Each, Lbs.	5	5½
Each	$4.00	4 50

Open Stock.

LAWN MOWER SHARPENERS



ROYAL				
Width, Inches	12	14	16	18
Weight Each, Lbs	3¾	4¾	5	5¼
Each	$0 75	75	75	75

If once attached to the cross bar of the mower never has to be removed. Can be put on in a few seconds, with no tools except a pocket wrench. Always ready for instant service when wanted.

By turning a thumb screw the stone is brought against the blades, a few pushes against the handle of the mower puts a perfect edge on every knife. Another turn of the thumb screw and the stone is back in its original position.

One in a Box.

LAWN MOWERS

ESSEX, BALL BEARING

11 in. Drive Wheels, 6¼ in. Reel, 4 Revolving Blades, Finished in Gold and Red with Red Trimmings.

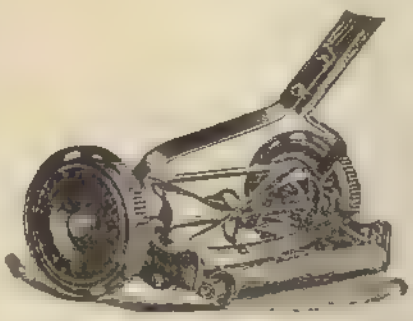
Width of Cut, Inches	14	16	18	20
Weight Each, Lbs.	53	55	57	59
Each	$			

Oil tempered, crucible steel blades 1¼ in. wide, tempered crucible steel lower blade. Double pawl ratchet in pinion, 2¾ in. diameter large roller.

Two gear internal driver and pinion type design, with open wheels and open frame, with ratchet in the pinions. The pinion revolving on the shaft when the mower is rolled backwards.

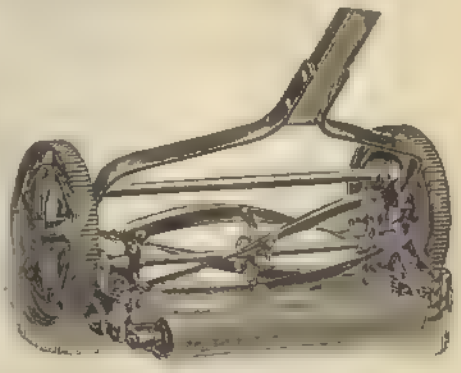
One in a Box.

PROSPECT, BALL BEARING



The patent cone adjustment on these mowers is made from left hand side of mower. Using the spanner wrench furnished with each machine. Loosen the set screw on head in reel and turn cone on shaft, to the right to loosen bearings, and to left to tighten the bearings. The small set screw is then tightened securely and the adjustment cannot work loose.

WARCO, BALL BEARING, HIGH WHEEL



8 in. Drive Wheels, 3 Revolving Blades, Finished in Gold, Red and Aluminum.

Width of Cut, Inches	12	14	16	18
Weight Each, Lbs.	38½	40½	42½	44½
Each	$			

Tempered tool steel blades, hardened and tempered crucible tool steel bottom knife. Patent cone adjustment. 1½ in. diameter ball races, ¼ in. tool steel balls.

One in a Box.

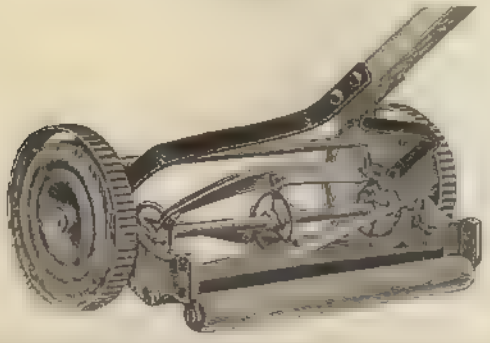
10 in. Drive Wheels, 4 Revolving Blades, Finished in Gold and Aluminum, with Red and Black Trimmings.

Width of Cut, Inches	12	14	16	18
Weight Each, Lbs.	43½	45½	47½	49½
Each	$			

Tempered tool steel blades, hardened and tempered crucible tool steel bottom knife, patent cone adjustment.

One in a Box.

BANNER



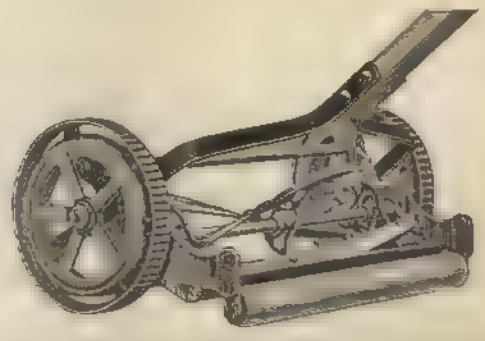
8 in. Drive Wheels, 5½ in. Reel, 3 Revolving Knives, Finished Apple Green and Gold Bronze, with Green Trimmings.

Width of Cut, Inches	12	14	16	18
Weight Each, Lbs.	40	42	44	46
Each	$			

High grade blade steel blades, carefully tempered and spirally formed. Machinery steel reel shaft, with adjustable brass bushings to take up wear. All parts machined and fitted to insure accurate construction.

One in a Box.

TROJAN



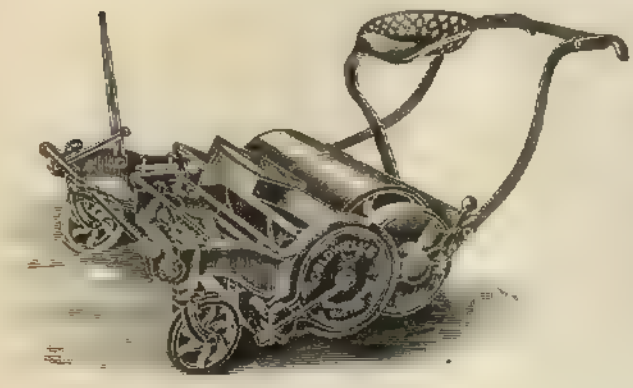
8 in. Drive Wheels, 5½ in. Reel, 3 Revolving Knives, Finished Gold Bronze and Green.

Width of Cut, Inches	12	14	16	18
Weight Each, Lbs.	38	40	42	44
Each	$			

Thoroughly tempered crucible steel knives, reel equipped with brass bushings and a lock nut device for taking up wear. Carefully milled connecting points. Shoulders are machined on each end of the cross rod to produce a rigid frame.

One in a Box.

LAWN MOWERS



COLDWELL IMPROVED HORSE

15 in. Drive Rollers, 7 in. Reel, Finished in Aluminum, with Red and Gold Trimmings, Complete with Seat, Shaft and Side Draft Attachment.

4 Revolving Blades.

Width of Cut, Inches....	**30**	**35**	**40**
Weight Each, Lbs.....	560	625	650
Each	**$110.00**	**135.00**	**170.00**

6 Revolving Blades.

Width of Cut, Inches...	**30**	**35**	**40**
Weight Each, Lbs.....	570	635	660
Each	**$120.00**	**145.00**	**180 00**

External front drive gears, double triple pawl ratchets between rollers. Adjustable split bronze bearings. Best laid knife steel bottom knife

These mowers have an attachment for raising the knives when crossing gravel walks and drives.

One in a Box.

COLDWELL'S MOTOR-DRIVEN COMBINATION ROLLER AND MOWER

Direct Chain Drive Transmission, Multiple Disc Type Friction Clutch for Propelling Coldwell's Self-Releasing Friction Clutch for Driving Cutters, Speeds Up to 4 Miles an Hour, Will Negotiate 25% Grades.

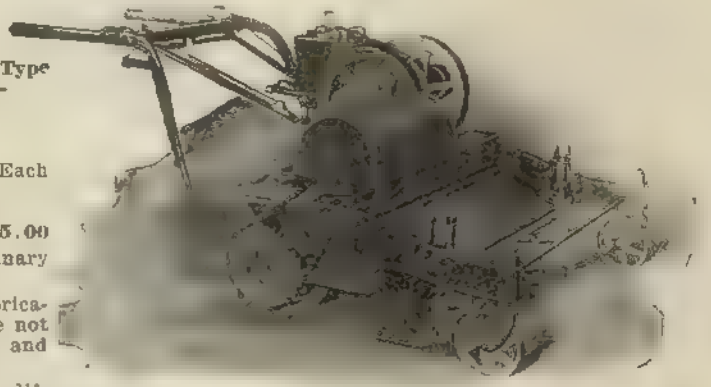
Each

Model F—40 in. Roller, 40 in. Swath, Weight Each 1000 Lbs., Complete with Two Cutting Units $475.00

This Mower can be operated and cared for by ordinary labor and handled as easily as a hand lawn mower.

Has bronze bearings, all bearings have direct lubrication from either oil or grease cups. The handles are not only used for guiding the machine, but for raising and lowering cutter unit over obstacles.

Coldwell's non-skid drive rollers, equipped with differential gears.



Cut Showing Propelling Drive Side.

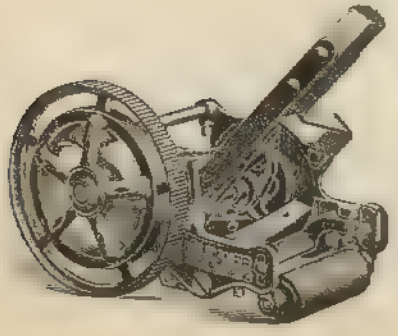
This mower besides being an efficient roller is a much handier machine for working around shrubbery, trees, etc. **It can be turned in a space of its own size, it will run backward as well as forward.**

The demountable cutter unit consists of a small frame carrying simply the revolving cutter, the stationary knives and their adjustments and is made to set in main frame of the machine which carries the propelling parts

The knives of these mowers are the parts most liable to be damaged and when this happens with a demountable cutter unit machine it does not necessitate the laying up of the entire machine while repairs and adjustments are being made as another cutter unit already adjusted for use can be substituted in less than two minutes

One in a Box.

LAWN TRIMMERS



TOWNSEND'S GLEANER, BALL BEARING

9 in. Drive Wheels, 5½ in. Reel, 4 Revolving Blades, Frame Finished in Gold, Heliotrope Wheel.

Width of Cut, Inches.	**8**	**10**	**12**
Weight Each, Lbs..	31	33	35
Each	**$**	**..**	**..**

Tempered crucible steel blades, strong, light and powerful. Only ⅛ inch of metal between the ends of blades and any obstruction to be cut around.

One in a Box.

IRON PLUMBS AND LEVELS

STARRETT'S BENCH

6 to 12 inch

18 to 24 inch.

No. 132—Japanned Iron Frame, Polished Edges, Nickel Plated Level Glass Plate, Two Plumbs, with Longitudinal Groove in Seat of Base for Working on Cylindrical Work, Piping, Shafting, Etc.

Length, Inches	4	6	9	12	18	24
Weight Per Dozen, Lbs	6	9	14	23	35	50
Per Dozen	$16.20	18.00	19.80	21.00	24.00	27.00

One-twelfth Dozen in a Box.

IRON LEVELS

DAVIS PATENT ADJUSTABLE INCLINOMETER

No. 1

No. 2

Iron Frame, Handsomely Japanned.

Nos.	1	2	3	4
Length, Inches	7	12	18	24
Weight Per Dozen, Lbs.	15	24	48	60
Per Dozen	$24.00	30.00	30.00	42.00

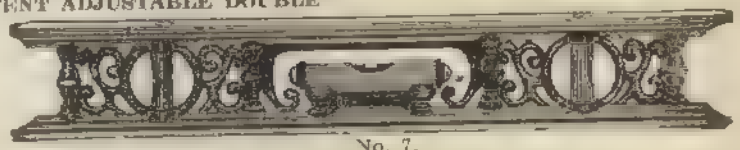
The above Levels are made for Machinists' and Carpenters' use, and are particularly useful in leveling up shafting or staircases or anything that is hung at an angle. The dial is graduated by degrees and a line that is necessary to is to move the bubble case with the dial pointer attached to the desired degree and the Level is ready to be used. The adjustment is derived by the use of two screws on the top surface of the frame, loosening one and loosening the other will cause the bubble case to move.

One-twelfth Dozen in a Box.

IRON PLUMBS AND LEVELS

DAVIS PATENT ADJUSTABLE DOUBLE

No. 6.



No. 7.

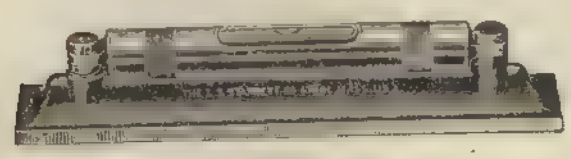
Iron Frame, Handsomely Japanned, Polished Plumb and Level Cases, Plain Glasses, Adjustable.

Nos.	6	7	8	9
Length, Inches	6	12	18	24
Weight Per Dozen, Lbs.	12	24	36	51
Per Dozen	$24.00	27.00	30.00	36.00

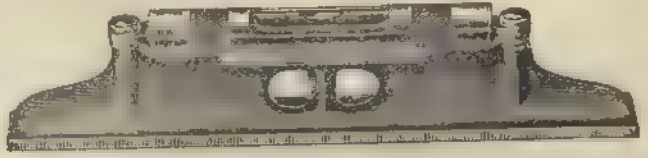
The Plumb Tubes as well as the Level Tubes are adjustable. To adjust Level Tubes, tighten one and loosen the other screw entering Level Tube from bottom of frame. To adjust Plumb Tubes turn screw or eccentric on back of frame. In adjusting Levels care should be taken not to turn either screw down tight as the adjustment soon becomes set when this is done.

One-twelfth Dozen in a Box.

STARRETT'S ADJUSTABLE BENCH



4, 6 and 8 inch Sizes



12 inch Size. The 18 inch is Similar, but with Double Plumb

Japanned Iron Base, Ground and Graduated Vials, Nickel Plated Protecting Tube, with Longitudinal Groove in Seat of Base for Working on Shafting, Piping, Etc.

No. 95—With Plain Vial.

				With Plumb	With Dbl. Plumb
Length, Inches	4	6	8	12	18
Each	$1.00	1.25	1.50	2.00	3.00

No. 96—With Ground and Graduated Vial.

				With Plumb	With Dbl. Plumb
Length, Inches	4	6	8	12	18
Each	$2.50	3.50	4.00	5.50	8.00

These Levels are so constructed that they can be accurately adjusted, and when so adjusted are not liable to get out of true, the vials being set in tubes having solid ends which are firmly clamped to the base. The outer tube may be turned so as to protect the glass when not in use.

One in a Box.

PLUMBS AND LEVELS

STANLEY'S NON-ADJUSTABLE MASONS'

Per Dozen

No. 7½—36 in. Long, 1⅝x2⅝ in. Polished Hardwood Stock, Square Brass Top Plate, Plain Side Views, Two Plumbs, Proved Glasses, Weight Per Dozen 48 Lbs. $18.00

No. 8—42 in. Long, Otherwise Same as No. 7½. Weight Per Dozen 56 Lbs. 21.60

One-half Dozen in a Box

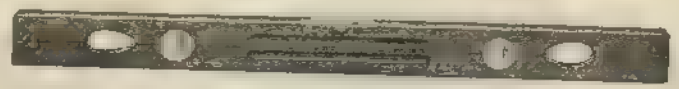
STANLEY'S COMBINATION MASONS'

Per Dozen

No. 35—42 in. Long, 1⅝x3⅝ in. Softwood Stock, Polished, Square Brass Top Plate, Plain Side Views, Proved Glasses, Adjustable Level Glass, with One Non-Adjustable Plumb and One Opening for Use of Plumb Bob and Line, Weight Per Dozen 64 Lbs. $21 00

One-half Dozen in a Box

STANLEY'S COMBINATION MASONS'

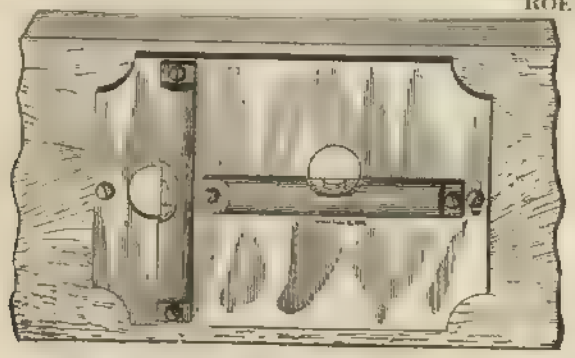


Per Dozen

No. 45½ -48 in Long, 1⅞x3⅝ in. Softwood Stock, Polished, Square Brass Top Plate Two Side Views, Brass Plumb Rings, Proved Glasses, Adjustable Level Glass, with Two Adjustable Plumbs and Two Openings for Use of Plumb Bob and Line, Weight Per Dozen 60 Lbs. $32 00

One-half Dozen in a Box.

ROE ADJUSTABLE



Per Dozen

Roe—3¼x5⅝ in., Adjustable, Steel, Oxidized Finish. Weight Per Dozen 5 Lbs $10.30

Quickly detachable and adjustable to any straight edge. Especially dapted for plumbing at long distances, or in windy weather

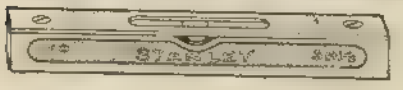
It is not a complicated device, being very simple in its construction, and is always reliable.

It is made of high grade materials and fitted with colored level vials.

It is in great demand by carpenters, masons, and anyone having use for a level.

One Dozen in a Box

STANLEY'S MACHINISTS' LEVELS

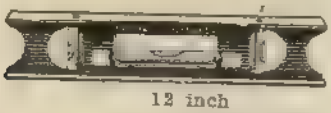


Per Dozen

No. 39½—6 in. Long Nickel Plated Iron Case, Proved, Weight Per Dozen 7 Lbs. $6.00

One-half Dozen in a Box.

STANLEY'S ADJUSTABLE METALLIC



12 inch

24 inch.

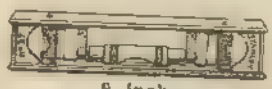
With Grooved Bottom for Working on Shafting, Piping, Etc.

No. 36G—Japanned Iron Frame, Nickel Plated Trimmings, Proved Glasses, Two Plumb and One Level Glass. Set in Metal Cases.

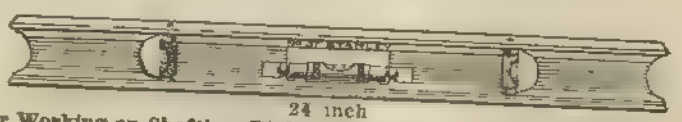
Length, Inches	6	9	12	18	24
Weight Per Dozen, Lbs.	10	15	22	36	51
Per Dozen	$15.00	18.00	21 00	24.00	27.00

The glasses are so set that either surface may be used to level or plumb. They are set in metal cases which fit accurately on supports cast in the frame of the level. The cases are held on the supports by means of eccentric cone centers at each end, with screw adjustment

One-twelfth Dozen in a Box.



9 inch.



24 inch

With Grooved Bottom for Working on Shafting, Piping, Etc.

No. 37G—Iron Frame, Full Nickel Plated, Ground Glasses, Two Plumb and One Level Glass Set in Metal Cases with Revolving Protecting Cover.

Length, Inches	6	9	12	18	24
Weight Per Dozen, Lbs.	10	15	22	36	51
Per Dozen	$24.00	30.00	36.00	42 00	48.00

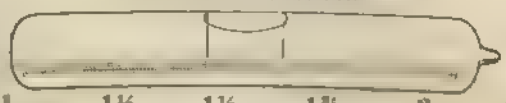
These Plumbs and Levels are of the same general design as No 36 described above they have however, ground glasses, are full nickel plated and the glasses are protected.

One-twelfth Dozen in a Box.

LEVEL GLASSES

STANLEY'S PROVED

Made of Extra Thick Tubing. By a Patented Process Each Glass is Marked at its Central or Crown-



ing Point by Two Indelible Lines, Enabling the User to Very Quickly Center the Bubble.

Length, Inches	1	1¼	1½	1¾	2	2½	3	3½	Assorted
Per Dozen	$0 70	80	81	82	83	.88	.93	1.08	1.00

One Dozen in a Box.

LEVEL SIGHTS

STANLEY'S

Iron, Blued.

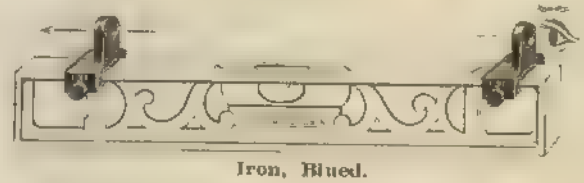
Per Dozen Pairs

No. 1—For Wood Levels.....$9.00
No. 2—For Iron Levels..... 9.00

For leveling from one given point to another a long distance away

Weight Per Dozen Pairs 3 Pounds.
One-twelfth Dozen Pairs in a Box.

STARRETT'S



Iron, Blued.

Per Dozen Pairs

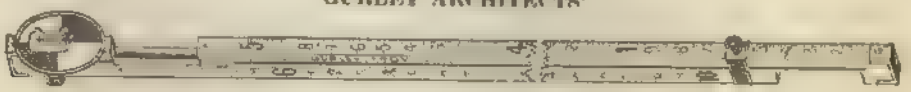
No. 131—Made to Fit 6, 9, 12, 18 and 24 in. Starrett's No. 132 Iron Levels $9.00

Weight Per Dozen Pairs 3 Pounds.

One-twelfth Dozen Pairs in a Box.

LEVELING RODS

GURLEY ARCHITECTS'



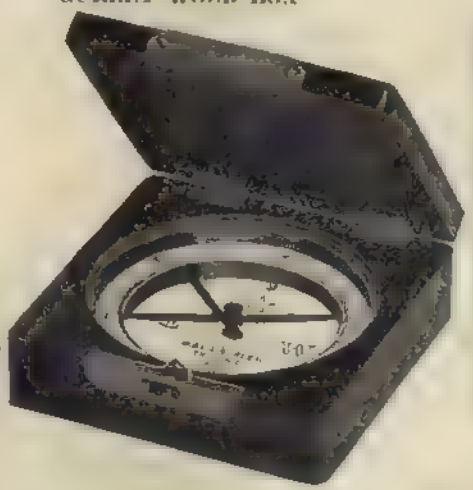
Each

No. 511 2-Ply, 5½ ft Closed Sliding to 10 ft, Graduated to Feet, 10ths and 100ths, with Vernier Reading to 1000ths.....$8.00

POCKET COMPASSES

GURLEY WOOD BOX

For Foresters, Timber Cruisers, and Military Topographers.



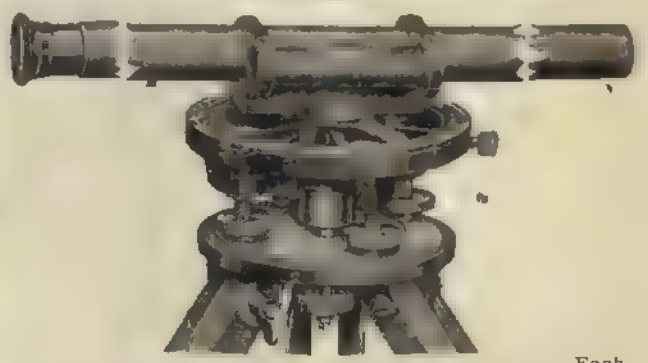
Each

No. 3154 3x3 in. Mahogany Case with Hinged Cover and Clasp, Needle Circular Graduated on Raised Ring to Whole Degrees and Figured 0 to 360 Each Way, Needle 2 in. Long, with Jeweled Center and Automatic Stop, Weight Each 4 Oz $4.00

The dial and needle circle are of white celluloid on which the graduations appear clear and distinct. A line on the inside of the cover is convenient for sighting. When the cover is closed the needle is lifted automatically from its center pin and thus the delicate bearings are protected from injury when the instrument is not in use.

FARM AND BUILDERS' LEVELS

FAVORITE



Each

No. 5001—10½ in. Telescope Showing Objects Erect, with Cross Hairs, Spirit Level to Telescope, Graduated on the Glass; Horizontal Circle Graduated to Single Degrees and Numbered from 0 to 360 Degrees; Revolving Arm with Index, Complete with Plumb Bob, 5 ft. Wooden Leveling Rod with Target, Extending to 9½ ft., Divided to Feet, Inches and Quarter Inches; Split Leg Tripod and Directions, Put up in a Wooden Box $18 00

Intended for the use of the landscape gardener, builder or road maker. It is very strongly made, has a minimum number of parts that cannot be lost or injured through rough usage, and maintains its adjustment under all circumstances.

For running rough levels, laying out agricultural plots, laying drains or marking out building sites this instrument gives very satisfactory service

LEVELS

STARRETT'S IMPROVED FOR TESTING SHAFTING, ETC.

Cut Shows Style of 6 and 8 inch

12 inch Size. The 18 inch is Similar, but with Double Plumb.

No. 97—With Cross Level, Plain Vials.

Japanned Iron Base, Nickel Plated Protecting Tube with Longitudinal Groove in Seat of Base for Working on Shafting, Piping, Etc.

			With Plumb	With Dbl. Plumb
Length, Inches	6	8	12	18
Each	$1.75	2.00	2.50	3.50

The cross level enables one to place or hold the base on a shaft level in its cross section, not canted sidewise; for the shape of a level glass is such that, though true as adjusted on a flat surface, it will not be reliable when canted sidewise.

One in a Box.

STARRETT'S ADJUSTABLE ENGINEERS' AND PLUMBERS'

Japanned Iron Base, Nickel Plated Trimmings, Plain Vials.

With Longitudinal Groove in Seat of Base for Working on Shafting, Piping, Etc

Nos.	133A	133B
Length, Inches	10	15
Each	$2.75	3.00

The above represents an adjustable, incline level, a fixed level, and a plumb. The hinged tube inside the working faces of the frame, carrying a level glass is adjustable to the graduated scale and shows any incline by 32ds (or less) to 2 in. to the foot without interfering in the least with the plumb or level.

One in a Box.

STARRETT'S BENCH

Per Dozen

No. 130—3½ in. Long, Japanned Iron Base, Proved Glass $6 00

One in a Box.

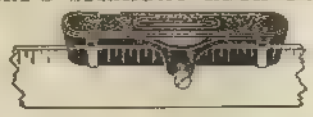
STARRETT'S POCKET

Hexagon Metal Case, Nickel Plated, Proved Glass.

Length, Inches	2½	3½
Per Dozen	$4 80	6 00

One-half Dozen in a Box

STANLEY'S STRAIGHT EDGE POCKET



Per Dozen

No. 41—3½ in. Long, Japanned Iron Body, Brass Top Plate, Non-Adjustable Proved Glass Weight Per Dozen 1⅝ Lbs. $1.68

These Levels can be attached to any straight edge or carpenter's square.

One Dozen in a Box.

STARRETT'S CROSS-TEST

Per Dozen

No. 136—Japanned, Weight Each 4 Oz. $0.00

As the cut shows, two levels are united in one frame, extending at right angles 2¾ in. each way. When placed on work to be level in both directions, it will not be necessary to move the tool.

LINE LEVELS

STEVENS'

Per Dozen

Stevens'—3 in. Long, Aluminum Tubes, One Piece "Spring German Silver" End Pieces and Hooks, Proved Glass, Weight Each ½ Oz. $12.00

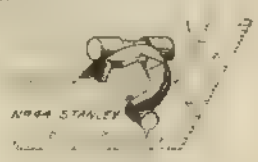
For all Mechanics. Used on all work where a level is required. Accurate and reliable.

The uses to which it can be put are almost as many as those of the old style wood level.

One-twelfth Dozen in a Box.

BIT AND SQUARE LEVELS

STANLEY'S



Per Dozen

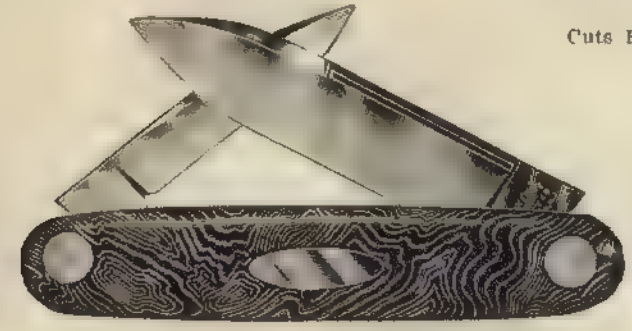
No. 44—1¾ in. Long, 1½ in. Wide, Brass Frame, Polished, Non-Adjustable Proved Glass, Weight Per Dozen 1½ Lbs. $3 60

The tool has three pairs of V slots on its back edges. The shank of a bit will lie in these slots, either vertical or at an angle of 45 degrees, and boring can be done with perfect accuracy. It can also be attached to a carpenter's square, making it an accurate plumb or level.

One-twelfth Dozen in a Box.

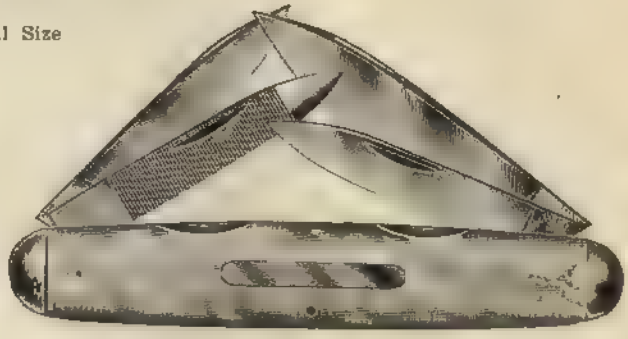
POCKET KNIVES

Cuts Full Size



Per Dozen

No. 1578—Two Blades, 1 Large Spear Point and 1 Pen Glazed, 3¼ in Pyralin Handle, Brass Lined, Nickel Silver Shield... .....$. ...



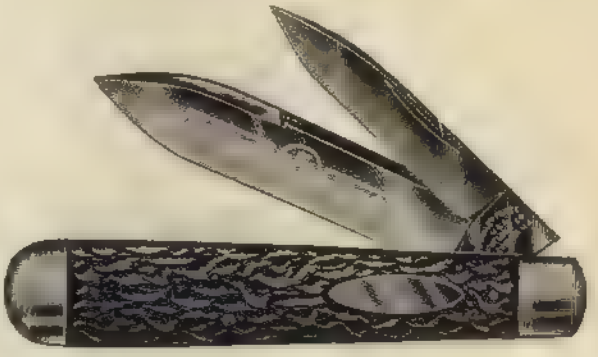
Per Dozen

No. 2324—Four Blades, 1 Large Spear Point, 2 Pen and Nail File, Polished, 3¼ in. Pearl Handle Brass Lined, Nickel Silver Tips .....$..

No. 2323—Same as No. 2324, Glazed, Stag Handle. .... .

Per Dozen

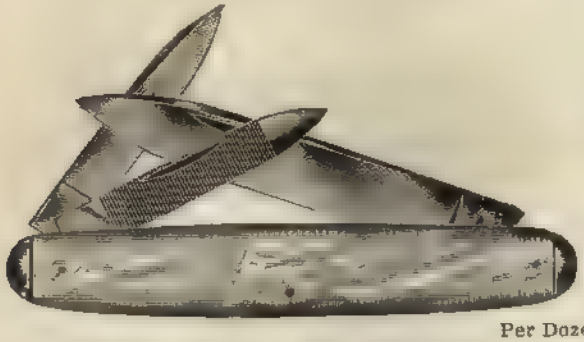
No. 2164—Three Blades, 1 Large Spear Point, 1 Pen, and Nail File, Polished, 2⅝ in. Pearl Handle, Brass Lined, Nickel Silver Bolster....$.....



Per Dozen

No. 38—Two Blades, 1 Large Spear Point and 1 Pen, Glazed, 3¼ in., Brass Lined, Iron Bolster and Cap .....$.....

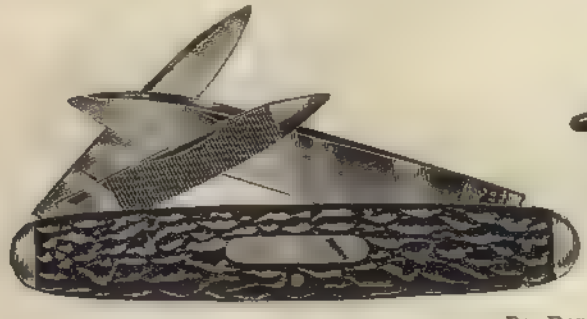
No. 36—Same as No 38, Black Handle.. ....



Per Dozen

No. 2289—Three Blades, 1 Large Spear Point, 1 Pen and 1 Nail File, Polished, 3⅛ in. Pearl Handle, Brass Lined, Nickel Silver Tips..... $..

No. 2288—Same as No. 2289, Glazed, Stag Handle. .....



Per Dozen

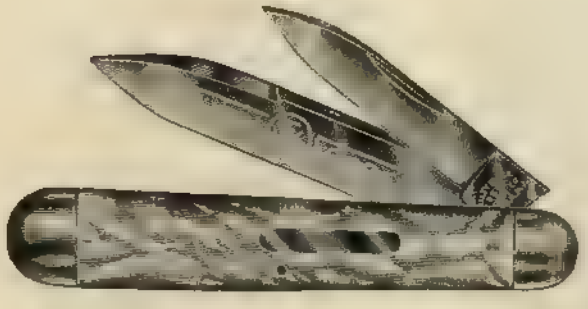
No. 2318—Three Blades, 1 Large Spear Point, 1 Pen and Nail File, Glazed, 3¼ in. Stag Handle, Brass Lined Nickel Silver Tips . .....$ ...

Per Dozen

No. 38C—Two Blades, 1 Large Spear Point and 1 Pen, Glazed, Stag Handle, Brass Lined, Iron Bolster and Cap, with Chain..... .....$.....

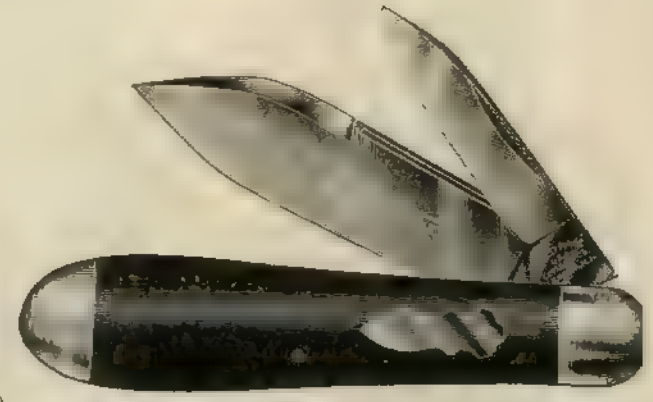
POCKET KNIVES

Cuts Full Size.



Per Dozen

No. 0579—Two Blades, 1 Large Spear Point and 1 Pen, Polished, 3⅛ in. Pearl Handle, Brass Lined, Nickel Silver Bolster and Cap.. .....$.....



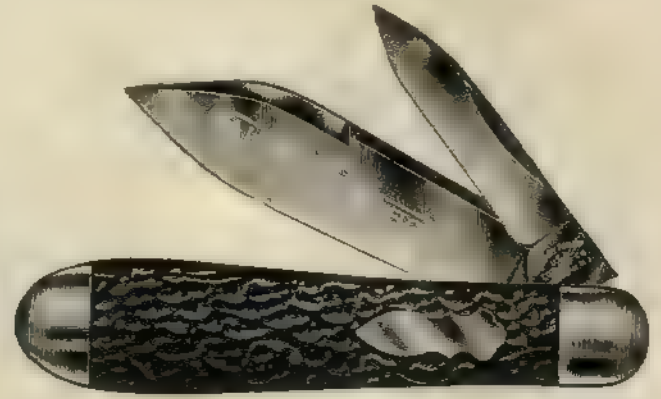
Per Dozen

No. 56—Two Blades, 1 Large Spear Point and 1 Pen, Glazed, 3½ in. Black Handle, Brass Lined, Iron Bolster and Cap.. ....$.....

Per Dozen

No. 0688—Two Blades, 1 Large Spear Point and 1 Pen, Glazed, 3⅛ in. Stag Handle, Brass Lined, Nickel Silver Bolster and Cap . . . . . .$.

No. 0688GP—Same as No. 0688, but Gold Pearl Handle .....



Per Dozen

No. 58—Two Blades, 1 Large Spear Point and 1 Pen, Glazed, 3½ in. Stag Handle, Brass Lined, Iron Bolster and Cap... . ...$.....

Per Dozen

No. 0401—Two Blades, 1 Large Spear Point and 1 Pen, Glazed, 3⅝ in. Easy Opener Ebony Handle, Brass Lined, Iron Bolster and Cap.....$.....

No. 0403—Same as No. 0401, Stag Handle. . . . .

No. 0400—Same as No. 0401, Cocoa Handle . . . .

Per Dozen

No. 663—Two Blades, 1 Large Spear Point and 1 Pen, Glazed, 3⅛ in. Stag Handle, Brass Lined, Nickel Silver Bolster and Cap... ..... $. ..

No. 663PYR—Same as No. 663, but Pyralin Handle .....$.....

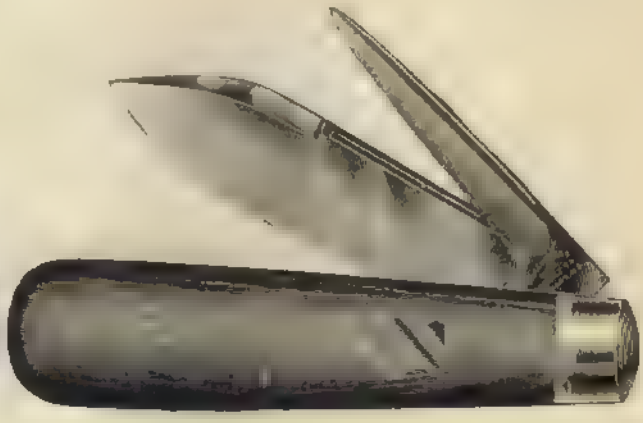
No. 661—Same as No. 663, but Ebony Handle... .. .

POCKET KNIVES

Cuts Full Size

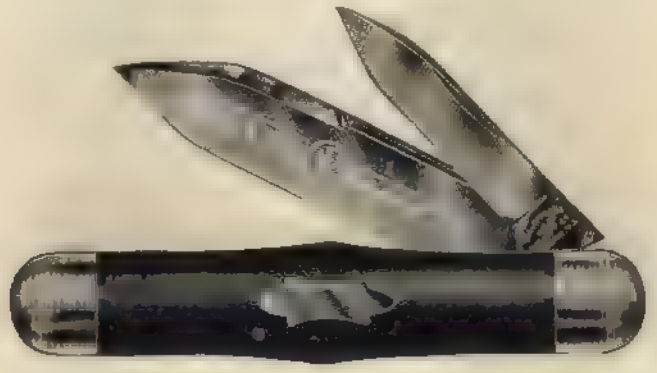
Per Dozen

No. 1121 Two Blades, 1 Large Sabre Spear Point and 1 Pen, Glazed, 3 ½ in. Ebony Handle, Brass Lined, Nickel Silver Bolster.....$.....



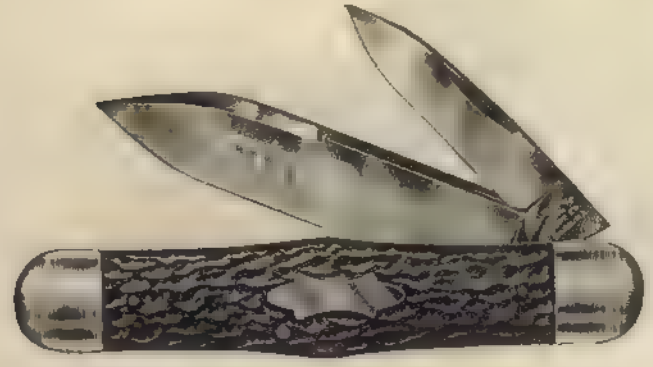
Per Dozen

No. 15 Two Blades, 1 Large Spear Point and 1 Patch, Glazed, 3½ in. Rosewood Handle, Brass Lined, Iron Bolster.....$.....



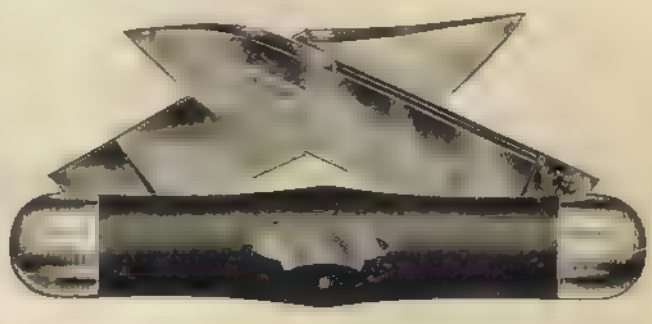
Per Dozen

No. 846— Two Blades, 1 Large Spear Point and 1 Pen, Glazed, 3½ in. Ebony Handle, Brass Lined, Iron Bolster and Cap.....$.....



Per Dozen

No. 648—Two Blades, 1 Large Spear Point and 1 Pen, Glazed, 3½ in. Stag Handle, Brass Lined, Iron Bolster and Cap.....$.....

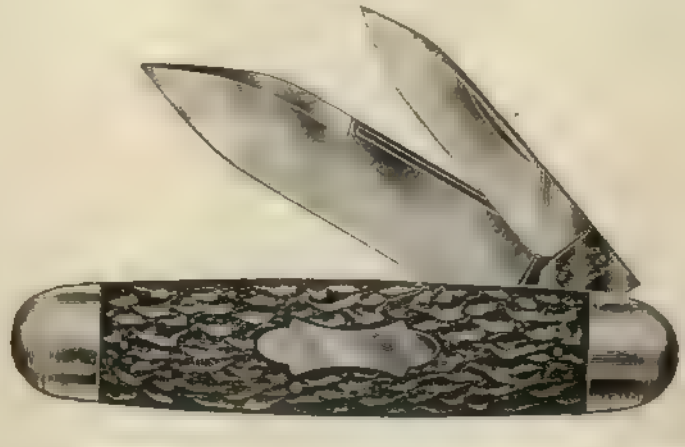


Per Dozen

No. 1146—Two Large Blades, 1 Clip and 1 Spear Point, Glazed, 3½ in. Ebony Handle, Brass Lined, Nickel Silver Bolsters.....$.....

POCKET KNIVES

Cuts Full Size.



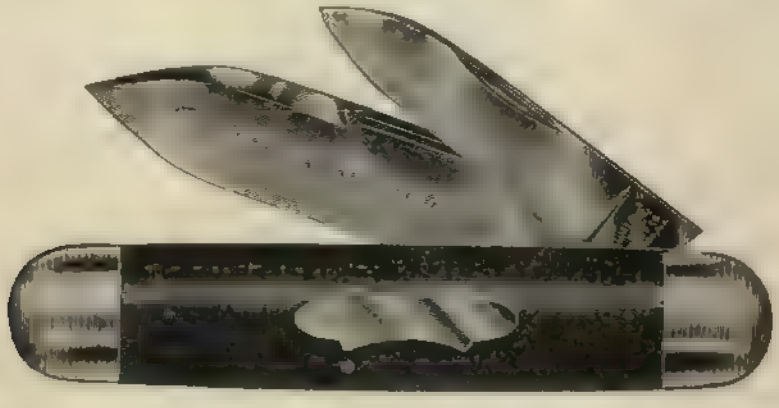
Per Dozen

No. 783—Two Blades 1 Large Spear Point and 1 Pen, Glazed, 3¾ in Stag Handle, Brass Lined, Iron Bolster and Cap ..... $. . .

No. 780—Same as No. 783, but Cocoa Handle..... . . .

Per Dozen

No. 781 Two Blades 1 Large Spear Point and 1 Pen Glazed 3¾ in Ebony Handle, Brass Lined, Iron Bolster and Cap ..... $.....



Per Dozen

No. 280 -Two Blades 1 Large Spear Point and 1 Pen, Glazed, 4¼ in. Cocoa Handle, Brass Lined, Nickel Silver Bolster and Cap..... $.

No. 281 -Same as No. 280, but Ebony Handle. . . .

No. 283—Same as No. 280, but Stag Handle.. . . .

Fielders' Gloves.

REACH

Per Dozen

No. OB—Special, Drab "Reaco", Highest Quality, Felt Padding, Felt Lined, Brown Welt and Binding Extra Heavy Padding in Heel and Little Finger, Web Thumb. **$53 80**

Per Dozen

No. 03—Special, Selected Lightweight Black "Reaco" Calfskin Best Felt Padding, Full Leather Lined Welted, Inside Hump, Deep Pocket, Web Thumb **$44 50**

Per Dozen

No. 00X—Special, Selected Lightweight Drab "Reaco" Buckskin, Best Felt Padding Full Leather Lined Welted, Inside Hump Deep Pocket, Web Thumb . . **$46 65**

Per Dozen

No. SWN—OB Model, Selected Black "Reaco" Leather, Best Felt Padding, Leather Lined, Red Welt and Binding, Inside Hump, Deep Pocket, Web Thumb, Large Model **$35.60**

Per Dozen

No. OBJ—Special Youths' Size, Drab "Reaco" Buckskin Specially Made Felt Padding Leather Lined, Extra Heavy Padding in Heel and Little Finger, Web Thumb **$46.65**

Per Dozen

No. 00W—Special, OB Model, Selected Mouse Colored "Reaco" Buckskin, Best Felt Padding, Full Leather Lined, Welted Inside Hump, Deep Pocket Web Thumb **$46.65**

Per Dozen

No. 04—Special, OB Model, Selected Pearl Colored "Reaco" Calfskin, Best Felt Padding Full Leather Lined Welted, Inside Hump, Deep Pocket, Web Thumb. **$46.65**

Per Dozen

No. 72—OB Model, Selected Brown "Reaco" Leather, Specially Tanned, Best Felt Padding. Full Leather Lined, Olive Welt and Binding, Inside Hump, Deep Pocket, Web Thumb. **$35.60**

One-twelfth Dozen in a Box.

Per Dozen

No. 74—Special OB Model, Selected Alaska Horsehide, Black Welt and Binding, Rich Yellow Color, Full Leather Lined, Best Felt Padding, Welted, Patent Inside Hump, Deep Pocket, Web Thumb **$44.50**

Per Dozen

No. 0C—Special, Selected Brown "Reaco" Calfskin Best Felt Padding, Full Leather Lined Welted, Inside Hump, Deep Pocket, Web Thumb. **$46 65**

Per Dozen

No. SW -OB Model, Fine Drab Calfskin Buckskin Finish, Best Felt Padding Leather Lined, Brown Welt and Binding, Inside Hump, Deep Pocket, Web Thumb, Large Model **$35.60**

Per Dozen

No. 56—Selected Mouse Colored Buckskin, Best Felt Padding, Full Leather Lined, Welted, Inside Hump, Deep Pocket, Web Thumb. **$36.00**

NOTE We Carry in Stock the Following Numbers in Right Hand: Nos. OB, 74, 03, 00W, 04, SW, SWN, 56.

Fielders' Gloves.

REACH

Per Dozen

No. 58 OB Model, Selected Ecru "Reaco" Leather, Best Felt Padding, Full Leather Lined, Wine Welt and Binding, Inside Hump, Deep Pocket, Web Thumb.....$35 60

Per Dozen

No. 3GO—OB Model, Selected Olive Tan Leather, Best Felt Padding, Full Leather Lined, White Welt and Binding, Inside Hump, Deep Pocket, Web Thumb.... $28.00

Per Dozen

No. 3GN—Excellent Quality Black Tan Grain Leather, Best Felt Padding, Welted, and Leather Lined, Inside Hump, Deep Pocket, Web Thumb $28.00

Per Dozen

No. 2L—Specially Tanned Pearl Colored Grain Leather, Soft and Pliable Best Felt Padding, Full Leather Lined Black Welt and Binding, Inside Hump, Deep Pocket, Web Thumb . . $28.00

Per Dozen

No. 9G—OB Model, Fine Mouse Colored Leather, Best Felt Padding, Full Leather Lined, Welted, Inside Hump, Deep Pocket, Web Thumb..$26 65

Per Dozen

No. 70—Selected Brown Tan Leather, Best Felt Padding, Full Leather Lined, White Leather Welt and Binding, Inside Hump, Deep Pocket, Web Thumb $26 65

Per Dozen

No 2N—Excellent Quality Black Tan Leather, Best Felt Padding, Leather Lined Palm, Welted, Inside Hump, Deep Pocket, Web Thumb $22.70

Per Dozen

No. 60—Finest Craven Tan Leather, Best Felt Padding Full Leather Lined, Black Web and Binding, Inside Hump, Deep Pocket, Web Thumb $24.00

Per Dozen

No. 2G—OB Model, Finest Mouse Colored Leather, Best Felt Padding, Leather Lined Palm, Inside Hump, Deep Pocket, Web Thumb $22 25

Per Dozen

No. 59—OB Model, Good Quality Olive Tan Leather, Best Felt Padding, Leather Lined Palm, Welted, Inside Hump, Deep Pocket, Web Thumb $17.80

Per Dozen

No. 55—OB Model, Brown Tan Leather, Best Felt Padding, Full Leather Palm Lining, Wine Welt and Binding, Inside Hump, Deep Pocket, Web Thumb $18.70

One-twelfth Dozen in a Box.

Per Dozen

No. 52—OB Model, Finest Craven Tan Leather, Best Felt Padding, Full Leather Lined, White Binding, Inside Hump, Deep Pocket, Web Thumb $18.70

NOTE—We Carry in Stock the Following Numbers in Right Hand: Nos. 58, 3GO, 3GN, 2L, 9G, 2N, 2G.

Fielders' Gloves.

REACH

Per Dozen

No. 10G—OB Model, Fine Brown Tan Leather, Best Felt Padding, Leather Lined Palm, Inside Hump, Deep Pocket, Web Thumb $17 80

One-twelfth Dozen in a Box

Per Dozen

No. 10N—OB Model, Fine Black Tan Leather, Best Felt Padding, Leather Lined Palm Inside Hump, Deep Pocket, Web Thumb $17.80

One-twelfth Dozen in a Box

Per Dozen

No. 4G—Youth's Size, Drab Grain Leather, Full Leather Palm Lining, Welted, Good Felt Padding, Inside Hump, Deep Pocket, Web Thumb. $17.80

One-twelfth Dozen in a Box

Per Dozen

No. 54—Brown Tan Leather, Good Felt Padding, Leather Lined, White Welt and Binding, Inside Hump, Deep Pocket, Web Thumb..... $13 35

One-quarter Dozen in a Box

Per Dozen

No. 54N—Men's Size, Black Tan Leather, Good Felt Padding, Leather Palm Lining, Welted, Inside Hump, Deep Pocket, Web Thumb.....$13.35

One-quarter Dozen in a Box.

Per Dozen

No. 53—Men's Size Olive Tan Leather Good Felt Padding, Leather Palm Lining, Inside Hump, Deep Pocket, Web Thumb.....$13.35

One-quarter Dozen in a Box.

Per Dozen

No. 18S Men's Size, Pearl Colored Leather, Good Felt Padding, Leather Palm Lining, Welted, Inside Hump, Deep Pocket, Web Thumb .$9 50

One-quarter Dozen in a Box.

Per Dozen

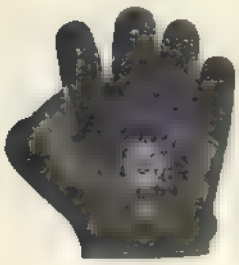
No. 18—Men's Size, Brown Tan Leather, Good Felt Padding, Leather Palm Lining, Inside Hump, Deep Pocket, Web Thumb $8.90

One-quarter Dozen in a Box.

Per Dozen

No. 18N—Men's Size, Black Tan Leather, Felt Padding, Leather Palm Lining, Inside Hump, Deep Pocket, Web Thumb .$8 90

One-quarter Dozen in a Box



Per Dozen

No. 24—Boys' Size, Brown Tan Leather Good Felt Padding, Leather Palm Lining, Inside Hump, Deep Pocket, Web Thumb. $4 50

One-half Dozen in a Box.

Dolce.

Per Dozen

Dolce—A Preparation Recommended and Guaranteed to Soften and Keep in Good Condition any Kind of Leather Used in a Mitt or Glove, Put up in a Tube, Packed in Pasteboard Box.....$1.80

One Dozen in a Box.

NOTE—We Carry in Stock the Following Numbers in Right Hand: Nos. 10G 10N, 53, 54N, 18 and 24

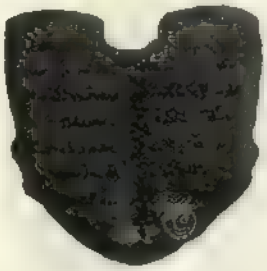
Body Protectors.

REACH

Each

No. 6U—Umpire's Inflated Protector, Made of Good Material $7.80

Nothing on the market to compare with it at price.



Each

No. 15P—Umpire's Inflated Protector, Full Size, with Patented Shoulder Pads for Protection of Collar Bone, Guaranteed to Protect Wearer from the Hardest Blows and at the Same Time not Interfere with His Movements $16.70

Each

Sullivan's—Army Khaki, Deer Hair Padded Reeds, Laced all Around the Edge, Enabling User to Adjust Pads, Extra Pad Over Shoulder, Protects Shoulder and Entire Body, Adjustable Straps

No. 8U—Umpires' $15.00

No. 8P—Catchers' 15.00

Each

No. 11P—Catcher's Inflated Protector, Extra Strong Tan Covering, Special Shoulder Padding and Special Body Strap $16.70

Each

No. 10P—Professional Model Full Size, Specially Designed, Pure Para Rubber Covered with Heavy White Duck, Silk Bound.....$16.70

Each

No. 6P—Special, Full Size, Best Rubber, Covered with Heavy White Duck $10.60

Each

No. 5P—Association, Full Size, Best Rubber, Covered with Olive Cloth $12.00

Each

No. 1P—Men's League, Full Size, Best Rubber, Gray Mixed Cloth Covering $8.90

No. 1AP—Men's Amateur, Full Size, Fine Rubber, Olive Cloth Covering 7.80

Each

No. 2AP—Full Size, Good Rubber, Khaki Cloth Covering $6 15

No. 1BP—Youth's Size, Good Rubber, Khaki Cloth Covering 5.60

These Protectors do not interfere with the movements of the wearer under any conditions

Each

No. CP—Reach Patented, Heavy Canvas, Heavy Reeds to Break the Force of Blow, Laced in Back, Will Outwear the Inflated Protector and Prevent Injury to the One Using it $4.80

Each

No. 2P—Men's, Heavy Canvas, Heavy Reeds to Break the Force of Blow, Padded with Best Felt, a Thorough Protection for the Catcher $2.50

Each

No. 3P—Boys', Heavy Canvas, Padded with Best Felt a Thorough Protection for the Catcher. $1.70

One in a Box.

ADJUSTABLE IRON PLANES

STANLEY'S BED ROCK

This Plane, owing to its solidity and variety of adjustments, surpasses all others for fine work on all woods

The cutter, frog and bottom are so designed, machined and fitted that they are practically one solid piece of metal, thus preventing any chance of vibration

Particular attention is called to the shape of the sides. This new and distinctive feature adds greatly to the strength of the plane as well as affording large bearing surfaces when the plane is used on its sides

The frog may be adjusted either forward or backward without removing the lever and cutter, simply slacken the tension of the two frog clamping screws "B", and with a screw driver adjust the frog desired by means of the frog adjusting screw "C" in the center, and then tighten the frog clamp screws (see cut.)

The frog is held to its seat by means of two pins "A" of large diameter, each of these has a tapered hole near the lower end.

The two frog clamping screws "B" have tapered points. These points fit in the holes in the pins "A". The center of the tapered hole in these pins is slightly above the center line of the frog clamping screws, so that when these screws are driven in, they produce the effect of a wedge, drawing the pins downward and clamping the frog absolutely rigid in its place

If, for any reason, the frog pins "A" should be taken out of the plane, care must be used in replacing them to see that the tapered holes coincide in line with the points of the frog clamping screws "B"

The cutter is the regular "Bailey" cutter and is adjustable both endwise and sidewise

The handle and knob are of well seasoned rosewood. The shape of the knob has recently been changed, the new shape allowing a firmer and easier grip.

SMOOTH, JACK, FORE AND JOINTER

No. 603.

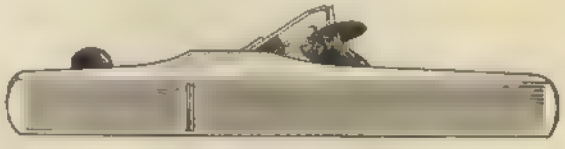
No. 604

No. 607

With Flat Bottom.

	Each
No. 602—Smooth, 7 in. Long, 1⅝ in. Cutter, Weight Each 2¼ Lbs.	$2 20
No. 603—Smooth, 8 in. Long, 1¾ in. Cutter, Weight Each 3¼ Lbs.	2.30
No. 604—Smooth, 9 in. Long, 2 in. Cutter, Weight Each 3⅝ Lbs	2 50
No. 605—Jack, 14 in. Long, 2 in. Cutter, Weight Each 4½ Lbs.	3 00
No. 606—Fore, 18 in. Long, 2⅜ in. Cutter, Weight Each 7½ Lbs	$3 75
No. 607—Jointer, 22 in. Long, 2⅜ in. Cutter, Weight Each 8¾ Lbs.	4.40
No. 608—Jointer, 24 in. Long, 2⅝ in. Cutter, Weight Each 9¾ Lbs.	5 25

No. 603C.



No. 607C

With Corrugated Bottom.

The Corrugated Bottom Creates Very Little Friction and Makes an Easier Running Plane than the Flat Bottom

	Each
No. 602C—Smooth, 7 in. Long, 1⅝ in. Cutter, Weight Each 2¼ Lbs.	$2 20
No. 603C—Smooth, 8 in. Long, 1¾ in. Cutter, Weight Each 3¼ Lbs.	2 30
No. 604C—Smooth, 9 in. Long, 2 in. Cutter, Weight Each 3½ Lbs.	2.50
No. 605C—Jack, 14 in. Long, 2 in. Cutter, Weight Each 4½ Lbs.	3 00
No. 606C—Fore, 18 in. Long, 2⅜ in. Cutter, Weight Each 7½ Lbs.	$3 75
No. 607C—Jointer, 22 in. Long, 2⅜ in. Cutter Weight Each 8¾ Lbs.	4.40
No. 608C—Jointer, 24 in. Long, 2⅝ in. Cutter, Weight Each 9¾ Lbs.	5 25

All Above, One in a Box

ADJUSTABLE IRON PLANES

BAILEY'S BENCH

The Planes described below, generally known as Bench Planes, are divided into four classes, namely: Smooth, Jack, Fore and Jointer

A Smooth Plane is for finishing or smoothing off flat surfaces. Where the uneven spots are of slight area, its short length will permit it to locate these irregularities, leaving the work with a smooth surface when finished.

A Jack Plane is used to true up the edges of a board in the rough and prepare it for the Force or Jointer.

A Fore Plane is simply a short Jointer, and being lighter, is preferred by some workmen to the longer plane.

A Jointer is a finishing Plane for large surfaces and is invariably used to true up the edges of boards so that they can be closely fitted or joined together.

"Bailey" Iron Planes have been in use for nearly fifty years and are the recognized standard for planes of this type. While retaining all the original features, many valuable improvements in construction have been added from time to time. Only the finest materials and the best workmanship are used in their manufacture

In the illustration the detail of construction is very clearly shown. Note that the frog has a support directly at the rear of the mouth, making practically one solid piece from the cap to the bottom. The sides and bottom of the plane are stiffened by means of the cross ribs The screw bosses on each side of the center rib are very deep allowing a number of threads to engage, thereby securely holding the frog The design prevents the plane being drawn out of true when the face of the frog is screwed up hard

The width of the mouth may be regulated and made wider or narrower as coarse or fine work may require First remove the lever and cutter and loosen the two frog screws that fasten the frog to its seat. With a screw driver turn the center adjusting screw (see cut) to the right to close the mouth and to the left to open it. When the frog is in the position desired, tighten the frog screws and replace the cutter and lever.

The cutter, which is thin and of uniform thickness, is a prominent feature of the "Bailey" Plane

Briefly its advantages are: 1 Ease in grinding 2 Less grinding as a thin cutter can be kept in condition by honing 3 Less tendency to "strike off" the cutting edge when honing, hence the original bevel is kept much longer

The cutter is adjustable endwise by means of the adjusting wheel at the back of the frog It is also adjustable sidewise by lever located near the top and at the back of the cutter.

It is made of the finest quality English steel, tempered and ground by an improved process, and honed ready for use

The handle and knob are made of highly finished, thoroughly seasoned rosewood.

All genuine "Bailey" Planes have the name "Bailey" cast in the bottom, and the name Stanley is stamped on the cutter.

SMOOTH, JACK, FORE AND JOINTER

No. 3

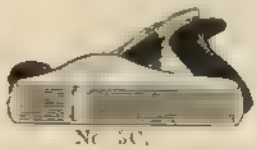
No. 4.

No. 5.

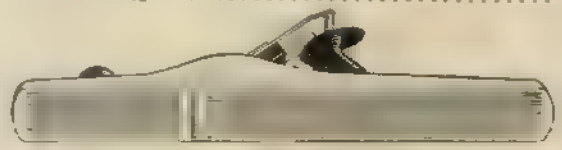
No. 6.

With Flat Bottom.

	Each
No. 1—Smooth, 5½ in Long, 1¼ in. Cutter, Weight Each 1¼ Lbs	$1.50
No. 2—Smooth, 7 in Long 1⅝ in Cutter Weight Each 2¼ Lbs	2 00
No. 3—Smooth, 8 in. Long, 1¾ in. Cutter, Weight Each, 3 Lbs	2 10
No. 4—Smooth, 9 in. Long, 2 in. Cutter, Weight Each 3¾ Lbs	2.20
No. 4½—Smooth, 10 in. Long, 2⅜ in. Cutter, Weight Each 4¾ Lbs	2 50
No. 5—Jack, 14 in. Long, 2 in. Cutter, Weight Each 4¾ Lbs.	$2.50
No. 5½—Jack, 15 in. Long, 2¼ in. Cutter, Weight Each 6¾ Lbs	3.00
No. 6—Fore, 18 in. Long, 2⅜ in. Cutter, Weight Each 7¾ Lbs	3 25
No. 7—Jointer, 22 in. Long, 2⅜ in. Cutter, Weight Each 8 Lbs	3.75
No. 8—Jointer, 24 in. Long, 2⅝ in Cutter, Weight Each 9¾ Lbs	4.50


No. 5C.

The Corrugated Bottom creates very little friction and makes an easier running plane than the flat bottom.


No. 7-C

With Corrugated Bottom.

	Each
No. 1C—Smooth, 5½ in Long 1¼ in Cutter Weight Each 1¾ Lbs	$1 50
No. 2C—Smooth, 7 in Long, 1⅝ in Cutter, Weight Each 2¼ Lbs	2.00
No. 3C—Smooth, 8 in. Long, 1¾ in. Cutter, Weight Each 3 Lbs	2.10
No. 4C—Smooth, 9 in. Long, 2 in. Cutter, Weight Each 4¾ Lbs	2 20
No. 4½C—Smooth, 10 in. Long, 2⅜ in. Cutter, Weight Each 4¾ Lbs	2 50
No. 5C—Jack, 14 in Long, 2 in Cutter, Weight Each 4¾ Lbs	$2 50
No. 5½C—Jack, 15 in Long, 2¼ in Cutter, Weight Each 6¾ Lbs	3 00
No. 6C—Fore, 18 in. Long, 2⅜ in. Cutter, Weight Each 7¾ Lbs	3.25
No. 7C—Jointer, 22 in. Long, 2⅜ in Cutter, Weight Each 8 Lbs	3 75
No. 8C—Jointer, 24 in. Long, 2⅝ in. Cutter, Weight Each 9¾ Lbs	4 50

All Above, One in a Box.

ADJUSTABLE WOOD BOTTOM PLANES

BAILEY'S BENCH

Every Carpenter needs two or more wood planes in his kit, for rough outside work.

"Bailey" Wood Planes supply the demand for a wood plane of superior quality. The bottom, handle and knob are made from selected and well seasoned beech. The cutters are the regular "Bailey" type and are adjustable both endwise and sidewise.

The frog is held in place by two machine screws which pass through the top iron and screw into two brass lugs. These lugs are screwed and securely pinned into the wood bottom. This is far superior to other methods of fastening, as it holds together firmly the wood bottom, the top iron which strengthens the wood bottom, and the frog.

SMOOTH

Each

No. 21—7 in. Long, 1¾ in. Cutter, Weight Each 2½ Lbs. $1.50

No. 22—8 in. Long, 1¾ in. Cutter, Weight Each 2⅝ Lbs. 1.50

No. 23—9 in. Long, 1¾ in. Cutter, Weight Each 2¾ Lbs. 1.50

No. 24—8 in. Long, 2 in. Cutter, Weight Each 3 Lbs. 1.50

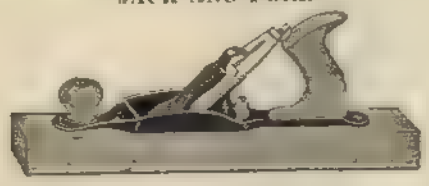
HANDLED SMOOTH

Each

No. 35—9 in. Long 2 in. Cutter, Weight Each 3¼ Lbs. $1.90

No. 36—10 in. Long, 2⅜ in. Cutter, Weight Each 4 Lbs. 2 05

JACK AND FORE



Each

No. 26—Jack, 15 in. Long, 2 in. Cutter, Weight Each 3¾ Lbs. $1 65

No. 27—Jack, 15 in. Long, 2⅛ in. Cutter, Weight Each 4 Lbs. 1.90

No. 28—Fore, 18 in. Long, 2⅜ in. Cutter, Weight Each 5½ Lbs. 2 05

No. 29—Fore, 20 in. Long 2⅜ in. Cutter, Weight Each 6¼ Lbs. 2.10

JOINTER

Each

No. 30—22 in. Long, 2⅜ in. Cutter, Weight Each 6¼ Lbs. $2 20

No. 31—24 in. Long, 2⅜ in. Cutter, Weight Each 6½ Lbs. 2 25

No. 32—26 in. Long, 2⅜ in. Cutter, Weight Each 7½ Lbs. 2 40

No. 33—28 in. Long, 2⅜ in. Cutter, Weight Each 8⅜ Lbs. 2 45

No. 34—30 in. Long, 2⅜ in. Cutter, Weight Each 8½ Lbs. 2 60

All Above, One in a Box

IRON BLOCK PLANES

BAILEY'S

"Bailey" Block Planes are the highest type of Block Planes manufactured. They have the most improved form of adjustment, which enables the user to accurately adjust the cutter either endwise or sidewise. The cutter rests on its seat at an angle of 20 degrees as against 45 degrees in the ordinary bench planes, and the cutter bevel is made on the upper instead of on the lower side. All have adjustable throats which permit of the opening or closing of the mouth as coarse or fine work may require. The "Hand-y" feature on the sides forms a convenient grip for the hand.

Adjustable Throat.

Each

No. 9½—6 in. Long, 1⅝ in. Cutter, Endwise Screw and Lateral Lever Adjustment, Japanned Trimmings, Weight Each 1½ Lbs. $1.10

One in a Box.

Adjustable Throat.

Each

No. 9¾—6 in. Long, 1⅝ in. Cutter, Rosewood Handle, Endwise Screw and Lateral Lever Adjustment, Japanned Trimmings, Weight Each 1⅝ Lbs. $1 30

The rosewood handle enables the user to conveniently work the plane with both hands, if he so desires.

One in a Box.

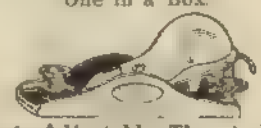
Adjustable Throat.

Each

No. 15—7 in. Long, 1⅝ in. Cutter, Endwise Screw and Lateral Lever Adjustment, Japanned Trimmings, Weight Each 1⅝ Lbs. $1 20

No. 16—6 in. Long, 1⅝ in. Cutter, Nickel Trimmings, Otherwise Same as No. 15 ..... 1.25

One in a Box.



Knuckle Joint, Adjustable Throat, Nickel Plated Trimmings.

Each

No. 18—6 in. Long, 1⅝ in. Cutter, Endwise Screw and Lateral Lever Adjustment, Weight Each 1½ Lbs. $1 30

The Knuckle Joint in the cap makes it also a lever, and placing the cap in position clamps the cutter securely to its seat.

One in a Box.

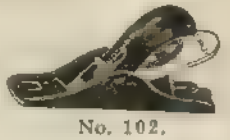
IRON BLOCK PLANES

STANLEY'S

Black Japanned Iron Frame, Polished Face, Japanned Sides, Best Quality English Steel Cutter, Tempered and Ground, Honed Ready for Use.

No. 101

No. 100



No. 102.

No. 103.

Each

No. 101—3½ in. Long, 1 in. Cutter, Non-Adjustable, Weight Each ¼ Lb $0 20

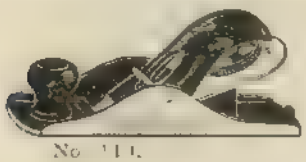
No. 100—3½ in. Long, 1 in. Cutter, Non-Adjustable, Handled, Weight Each ⅜ Lb. 25

No. 102—5½ in. Long, 1⅝ in. Cutter, Non-Adjustable, Weight Each ⅜ Lb. $0.40

No. 103—5½ in. Long, 1⅝ in. Cutter, Endwise Lever Adjustment, Weight Each ⅜ Lb. 55

One in a Box

Black Japanned Iron Frame, Polished Face and Sides, Best Quality English Steel Cutter, Tempered and Ground, Honed Ready for Use.



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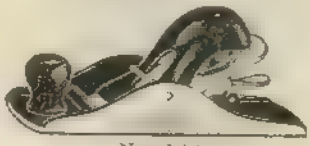


No. 120

No. 220.

Each

No. 110—7½ in. Long, 1⅝ in. Cutter, Non-Adjustable, Applewood Knob, Weight Each 1⅜ Lbs. $0.55

No. 120—7½ in. Long, 1⅝ in. Cutter, Endwise Lever Adjustment, Rosewood Knob, Weight Each 1⅜ Lbs. 75

One in a Box.

No. 220—7½ in. Long, 1⅝ in. Cutter, Rosewood Knob, Endwise Screw Adjustment. $0 75

This Plane is in many ways better adapted for average use than any of the cheaper block planes made. It is ground on both bottom and sides.

Weight Each 1½ Pounds.

One in a Box.

Low Angle, Adjustable Throat, with "Hand-y" Feature.

Each

No. 60—6 in. Long, 1⅝ in. Cutter, Endwise Screw Adjustment, Nickel Plated Trimmings, Weight Each 1¼ Lbs. $1 25

No. 60½—With Japanned Trimmings, Otherwise Same as No. 60. . . . . 1.10

Low Angle, Adjustable Throat, with "Hand-y" Feature.

Each

No. 65—7 in. Long, 1⅝ in. Cutter, Endwise Screw Adjustment, Nickel Plated Trimmings, Weight Each 1⅜ Lbs. . . . $1 35

No. 65½—With Japanned Trimmings, Otherwise Same as No. 55. . . . . 1 20

In the Low-Angle Planes the cutter rests on its seat at an angle of only 12 degrees. This angle permits of great ease in working across the grain on hard woods. They have adjustable throats, which allow of the opening or closing of the mouth, as coarse or fine work may require. The "Hand-y" feature aids very materially in providing a firm grip for the hand of the user.

One in a Box

RABBET AND BLOCK

Each

No. 140—7 in. Long, 1¾ in. Cutter, Rosewood Knob, Nickel Plated Trimmings, with Detachable Side, Weight Each 1⅛ Lbs. $1.40

The detachable side will easily change this tool from a Block Plane to a Rabbet Plane, or vice versa The cutter is set on a skew and is adjustable endwise

One in a Box.

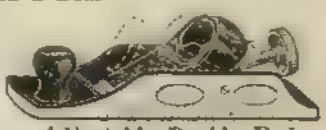
Double End.

Each

No. 130—8 in. Long, 1⅝ in. Cutter, Hardwood Knob, Weight Each 1⅝ Lbs. $0.75

This Plane has two Slots and two Cutter Seats. By reversing the position of the Cutter and the Clamping Wedge, it can be used close up into the corners, or other difficult places.

One in a Box



Adjustable Double End.

Each

No. 131—8 in. Long, 1⅝ in. Cutter, Rosewood Knob, Endwise Screw Adjustment, Weight Each 1½ Lbs. $1 50

A combination Block and Bull Nose Plane. Has two slots and a movable cutter seat. Use center cutter seat and slot for ordinary block plane work. For use as a bull nose plane remove the cap and cutter, reverse the cutter seat by throwing over the adjusting wheel, replace the cap and cutter in the new position. Fitted with the well known "Hand-y" feature on the sides, forming a convenient grip for the hand.

One in a Box

UNIVERSAL
SPNS

Landers, Frary & Clark

"UNIVERSAL" AMERICAN-SHEFFIELD PLATE

"Universal" American-Sheffield Plate is the modern successor to the beautiful English Sheffield Ware so popular a century ago and which was made by rolling plates of silver on a copper base, after which they were worked into various articles of table service and usually chased or engraved by hand. Since the discovery of electroplating, the old English process has been superseded by more economical modern methods. Nickel silver, because of its hardness and color, which will not show through when the silver plating becomes worn, was found to be superior to copper as a base metal and therefore, "Universal" American Sheffield Plate, which is electro silver plated on fine quality solid white nickel silver, combines the most practical materials with modern manufacturing processes. To these is added a superiority of design, as evidenced by the old English chased pattern, which is artistically correct and represents the highest achievement in metal ware that has been produced by this factory.

All UNIVERSAL American-Sheffield plate is stamped UNIVERSAL SPNS and is warranted to be heavily silver plated on solid nickel silver.

"Universal" Electric Coffee Urn

No.	Capacity	Height over all	Each
E8146	6 cups	13½ in.	$40.65
E8149	9 cups	15 in.	44.10

"Universal" Electric Tea Ball Samovar

No.	Capacity	Height over all	Each
E8346	6 cups	11¾ in.	$38.00

"Universal" Electric Tea Ball Tea Pot

No.	Capacity	Height over all	Each
E8046	6 cups	8¾ in.	$33.75

"Universal" Electric Coffee Urn Set

No.	Capacity		Each
E8166	6 cups	Urn only,	$50.65
E8169	9 cups	Urn only,	54.50
E8166044	6 cups	4 Piece Set,	100.65
E8169044	9 cups	4 Piece Set,	104.50

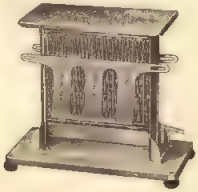
Size of Tray, 12 x 18 inches

"Universal" Electric Coffee Percolator

No.	Capacity	Height over all	Each
E8646	6 cups	9¾ in.	$35.00
E8649	9 cups	11 in.	38 00

"Universal" Electric Chafing Dish
Fast and Slow Heat Connections

No.	Ebonized Handles	Each
E840		$45.65



"Universal" Electric Toaster

No.	Height over all	Each
E843	6½ in.	$17.75

"Universal" Electric Hot Water Kettle

No.	Capacity	Height over all	Each
E874	2½ pts.	9¼ in.	$35.00

"Universal" Fusible Plug Safety Device in all Articles except Toaster

Complete with six foot Art Silk Flexible Cord and seven point Contact Terminal Plug

Packed one in a box

Always mention voltage wanted when ordering, otherwise 110 standard will be sent.

UNIVERSAL

SPNS

Landers, Frary & Clark

"UNIVERSAL" AMERICAN-SHEFFIELD PLATE

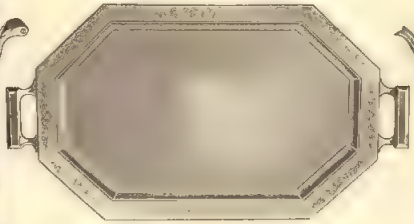
Heavily Silver Plated on Solid Nickel Silver

Old English Chased Pattern

"Universal" Coffee Urn

No.	Capacity	Height over all	Each
84146	6 cups	14 in.	$40.00
84149	9 cups	15¼ in.	45.00

Ebonized Handles



"Universal" Tray

No.	Finish	Size	Handles	Each
84400	Silver Plated	12 x 18 in.	Ebonized	$29.15

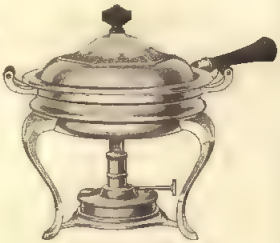
"Universal" Table Kettle

No.	Capacity	Height over all	Each
8514	2½ pts.	12½ in.	$50.00

Ebonized Handles and Knobs

"Universal" Baking Dish

No.	Capacity	Diameter	Each
81407	3 pints	9¼ in.	$23.66



"Universal" Chafing Dish

No.	Finish	Height over all	Each
8400	Silver Plated	12 in.	$41.65

Capacity 3 pints

Ebonized Handles and Knobs

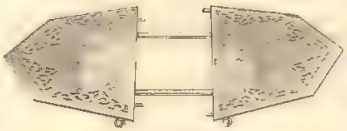
"Universal" Tea Ball Tea Pot

No.	Capacity	Height over all	Each
846	6 cups	8½ in.	$33.35

Ebonized Handles and Knobs

"Universal" Sugar Bowl

No.	Height over all	Each
84400	4½ in.	$10.45

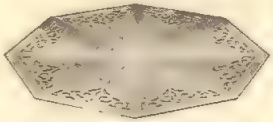


"Universal" Trivet Tray

No.	Finish	Length Open	Diam Closed	Each
85530	Silver Plated on Nickel Silver	13½ in.	10 in.	$16.60

"Universal" Cream Pitcher

No.	Height over all	Each
84400	4 in.	$10.45



"Universal" Sandwich Tray

No.	Finish	Width	Each
81130	Silver Plated on Nickel Silver	9¼ in.	$9.75

UNIVERSAL SPNS

The vitrified china linings used in UNIVERSAL Casseroles are fire proof and are guaranteed not to craze or crack from the heat They are positively non-absorbent and for this reason are much more sanitary than the red pottery commonly used. Because of its toughness and durability, Vitrified China will outwear many ordinary pieces and is therefore the most economical ware made.

"Universal" Casserole

Silver Plated Nickel Silver Frame
Gold Trimmed White Vitrified China Lining

No. 876027	7 in Round	$14 35
No. 876028	8 in Round	16 65
No. 875028	8 in. Oval	16 65
No. 875029	9 in. Oval	20.85

"Universal" Ramequins

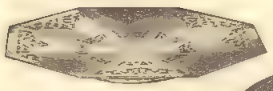
Silver Plated Nickel Silver Frames Brown White Centered Vitrified China Linings

No.	Diam.	Per Doz.
87013	3 in.	$33.35

"Universal" shallow Casserole and Vegetable Dish

Silver Plated Nickel Silver Frame
Seal Brown Vitrified China Lining

No 87318	8 in Round	$11.00
	With Extra Silver Plated Cover	
No. 873181	8 in Round	18 00
No. 87319	9 in Oval	12.50
	With Extra Silver Plated Cover	
No. 873191	9 in. Oval	20.75



"Universal" Sandwich Tray

Silver Plated on Nickel Silver

No.	Width	Each
81117	9¼ in.	$8.35

"Universal" Combination Sandwich and Relish Dish to match above

With separable glass compartment

No.	Width	Each
82217	9¼ in.	$13.85

"Universal" Casserole

Silver Plated Nickel Silver Frame
Gold Trimmed White Vitrified China Lining

No. 876017	7 in Round	$14 35
No. 876018	8 in Round	16 65
No. 875018	8 in. Oval	16 65
No. 875019	9 in. Oval	20.85

"Universal" Casserole

Silver Plated Nickel Silver Frame
Brown Vitrified China Lining

No. 87617	7 in. Round	$11 65
No. 87618	8 in. Round	13.95
No. 87619	9 in. Round	18.00
No. 87518	8 in. Oval	13.85
No. 87519	9 in Oval	17 35
No. 87510	10 in Oval	20 85

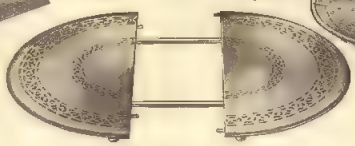
With China and Extra Silver Plated Cover

No. 876171	7 in. Round	17.25
No. 876181	8 in. Round	20.75
No. 876191	9 in. Round	26.25
No. 875181	8 in. Oval	20.75
No. 875191	9 in. Oval	25.60
No. 875101	10 in. Oval	31.85

"Universal" Bean Pot

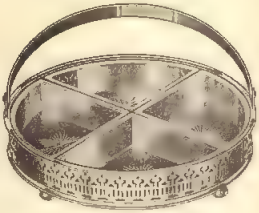
Silver Plated Nickel Silver Frame
Seal Brown White Centered Vitrified China Lining

No.	Diameter	Each
87416	6 in.	$12.50



"Universal" Trivet Tray

No.	Length open on Nickel Silver	Silver Plated	Diam. closed	Each
85510	13⅜ in.		10 in.	$13.85



"Universal" Relish Dish

Silver Plated on Nickel Silver
Four Separate Glass Compartments

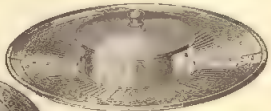
No.	Diameter of Lining	Each
83114	8¾ in.	$16 65

Cut stars in each compartment

"Universal" Fish Casserole

Silver Plated Nickel Silver Frame
Seal Brown Vitrified China Lining

No.	Length	Capacity	Each
87819	12 in.	1¾ pts.	$11.10



"Universal" Combination Sandwich and Relish Dish

Silver Plated on Nickel Silver
With separable glass compartment

No.	Diameter	Each
82210	10 in.	$12 45

"Universal" Sandwich Tray to match above

No.	Diameter	Each
81110	10 in.	$7.65

UNIVERSAL
ELECTRIC

"UNIVERSAL" ELECTRIC APPLIANCES

All "Universal" Electrical Appliances designed to contain a liquid are equipped with the Fusible Plug Safety device. Heating elements are guaranteed for five years.

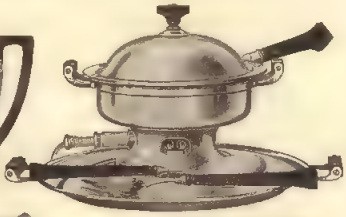
"Universal" Electric Coffee Percolator

No.	Capacity	Height over all	Nickel Plated or Copper	Silver Plated
E9435	5 cups	9⅝ in.	$20.90	$23.45
E9437	7 cups	10¼ in.	22.80	25.95
E9439	9 cups	11⅛ in.	24.70	29.15

"Universal" Colonial Loving Cup Pattern Electric Coffee Urn Set

No.	Capacity	Nickel Plated or Copper	Silver Plated
E9166	6 cups Urn only	$38.00	$43 15
E9169	9 cups Urn only	40.65	47.00
E9166044	6 cups 4 pc. set	$75.35	$92 25
E9169044	9 cups 4 pc. set	78.00	96 00

12 x 18 in Tray



"Universal" Electric Chafing Dish Set

14 inch Round Tray

No.	Handles	Nickel Plated or Copper	Silver Plated
E9204	Ebonized	$49 25	$61 10

"Universal" Mission Pattern Electric Samovar

No.	Capacity	Height over all	Nickel Plated or Copper	Silver Plated
E934	4 cups	10½ in.	$21 20	$25 35
E936	6 cups	13½ in	24.70	29.25

"Universal" Electric Immersion Heater

Excellent for heating shaving water, warming liquids, etc. Heats water in 3 minutes.

No E970

Nickel Plated

$7.60

Silver Plated

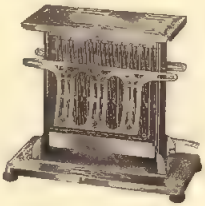
$9.00

"Universal" Mission Pattern Electric Coffee Urn

No.	Capacity	Height over all	Nickel Plated or Copper	Silver Plated
E914	4 cups	10¼ in.	$22.80	
E916	6 cups	13½ in.	25.35	$29.75
E919	9 cups	15 in.	27.85	33 55

"Universal" Combination Electric Stove and Chafer

No.	Height over all	Nickel Plated	Silver Plated
E9810	9¾ in.	$35.35	$39.35



"Universal" Electric Toaster

No.	Height over all	Nickel Plated	Silver Plated
E944	6¾ in.	$12 65	$15.20

"Universal" Electric Four Heat Grill

No.	Diameter	Pans	Height over all	Nickel Plated
E984	8 in.	3	6½ in.	$12.65

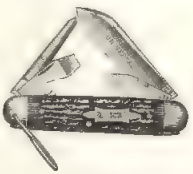
Always specify voltage when ordering, otherwise 110 voltage will be furnished.

"UNIVERSAL" POCKET CUTLERY

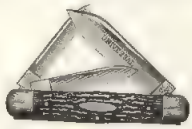
No. 02144 3¼ in. Stag Handle. Per doz., $13.85
Two Blades, Spear and Pen, half polished
Brass Lined. German Silver Bolsters and Shield

No. 034945 3⅝ in. Stag Handle. Per doz. $26.85
Three Blades, Sabre Clip, Clip Pen and
Regular Pen, Half polished.
Brass Lined. German Silver Bolsters and Shield.

No. 43494⅝ 3⅝ in. Buffalo Ivoroy Hdle. Per doz., $26.85
Three Blades, Sabre Clip, Clip Pen and
Regular Pen, half polished.
Brass Lined. German Silver Bolsters and Shield.



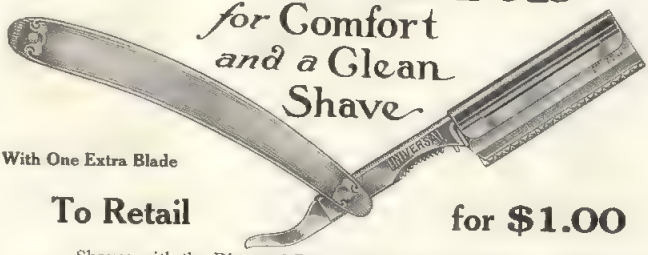
No. 03862 3¼ in. Stag Handle. Per doz., $27.75
Boy Scouts' Knife.
Four Blades, Large Clip, Leather Punch or Gouge
Can Opener and Screw Driver and Bottle Cap
Opener Half polished. Brass lined.
German Silver Bolsters and Shield with Shackle.



No. 93829 3⅜ in Perfect Stag Hdle. Per doz., $20.85
Three Blades, Spear and Two Pens
Half Polished
Brass Lined. German Silver Bolsters and Shield

The UNIVERSAL SAFETY RAZOR

for Comfort and a Clean Shave



With One Extra Blade

To Retail for $1.00

Shaves with the Diagonal Draw Cut—Easily—Smooth. Universal Blade is made of the finest quality Chrome Steel. Tempering, Grinding and Honing is done with a Scientific Accuracy, that insures absolutely a Perfect Shave.

Shaves down as ordinary razor—with the guard on, impossible to cut yourself. Strop it same as ordinary razor, clean guard and razor after shaving. With proper care this razor will last for years.

No. 60	Ivoroy (Antique) Handle Razor, Guard and Extra Blade in Case	Per doz.,	$27.75
No. 30	Ivoroy (Black) " " " " " " " " "	" "	27.75
No. 160	Ivoroy (Antique) " " " " " " and Strop in Case	Ea.	3.50
No. 130	Ivoroy (Black) " " " " " " " " "	Ea.	3.50

Extra Blades $3.50 Per dozen.

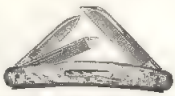
Manufactured by LANDERS, FRARY & CLARK.

"UNIVERSAL" POCKET CUTLERY

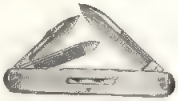
No. 73425 3⅝ in. Pearl Handle. Per doz., $39.36
Three Blades, Spear, Pen and Nail File,
Half polished. Brass Lined. German Silver Tips.

No. 03425 3 in. Stag Handle. Per doz., 20.85
Three Blades, Spear, Pen and Nail File,
Half polished. Brass Lined. German Silver Tips.

No. 73494 3⅝ in. Pearl Handle. Per doz., $18.75
Three Blades, Sabre Clip, Plain Clip and
Pen, half polished. Brass Lined. Knurled Back.
German Silver Bolsters and Shield.

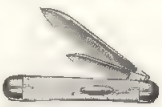


No. 73440 3½ in. Pearl Handle. Per doz., $62.35
Three Blades, Sheep Foot, Pen and Nail File,
Half polished. German Silver Lined. Knurled Back.

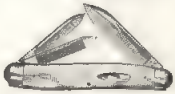


No. 73276 3½ in. Pearl Handle. Per doz., $46.25
Three Blades, Spear, Pen and Nail File,
Half polished. German Silver Lined.
German Silver Tips and Shield.

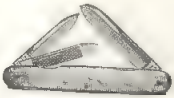
No. 73171 2⅝ in. Pearl Handle Per doz., $13.50
Three Blades, Spear, Pen and Nail File,
Half polished. Brass Lined German Silver Tips



No. 7250 3 in. Pearl Handle. Per doz., $24.35
Two Blades, Spear and Pen, half polished.
Brass Lined German Silver Bolster, Cap and Shield

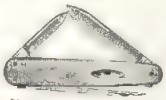


No. 73033 3¼ in. Pearl Handle Per doz., $45 60
Three Blades, Spear, Pen and Nail File,
Full polished. German Silver Lined.
German Silver Bolsters and Shield.

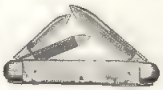


No. 73212 3¼ in. Pearl Handle. Per doz., $50.85
Three Blades, Spear, Pen and Nail File,
Full polished. Knurled Edge. German Silver Lined.

No. 74212 3¼ in. Pearl Handle. Per doz., $53.20
Four Blades, Spear, Two Pens and Nail File,
Full polished
German Silver Lined. Knurled Edge.



No. 73226 3½ in. Pearl Handle Per doz., $57.85
Three Blades, Spear, Pen and Nail File,
Full polished German Silver Lined
Knurled Back. German Silver Shield



No 7327 3 in Pearl Handle Per doz., $35 85
Three Blades, Spear, Pen and Nail File,
Half polished. Brass Lined German Silver Bolsters

No. 7261 3 in Pearl Handle Per doz , $20 85
Two Blades, Spear and Pen, half polished.
Brass Lined. German Silver Bolsters

No 72337 3 in Pearl Handle. Per doz., $30.00
Two Blades, Spear and Pen, half polished.
Brass Lined. German Silver Bolsters and Shield

Illustrations of Pocket Knives one-half actual size.

"UNIVERSAL" POCKET CUTLERY

Manufactured by LANDERS, FRARY & CLARK
Master Cutlers for over Fifty Years

A SUPERIOR LINE OF AMERICAN POCKET CUTLERY

Blades in UNIVERSAL Pocket Knives are made of the best English Pocket Cutlery Steel, forged and tempered by a process which insures a uniform temper, best suited to long service. Each blade is finely ground and finished, is hand sharpened and honed to a perfect cutting edge.

Handles of Pearl, Stag, Ivoroy and Buffalo Celluloid

THE BRAND "UNIVERSAL" IS A GUARANTEE OF QUALITY

No 72383 3½ in. Pearl Handle. Per doz., $18 50
Two Blades, Spear and Pen, half polished.
Brass Lined. German Silver Bolsters.

No. 7226 3 in. Pearl Handle. Per doz., $20.85
Two Blades, Spear and Pen, half polished.
Brass Lined German Silver Bolsters

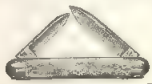
No. 02306 3 in. Stag Handle. Per doz., $14.35
Two Blades, Spear and Pen, half polished
Brass Lined German Silver Bolsters.

No. 03709 3 in. Stag Handle. Per doz., $20.85
Three Blades, Spear, Pen and Nail File,
Half polished. Brass Lined.
German Silver Bolsters and Shield.

No. 02425 3 in. Stag Handle. Per doz., $16 00
Two Blades, Spear and Nail File, half polished.
Brass Lined. German Silver Tips.

No. 49425 3 in. Buffalo Ivoroy Handle. Per doz., $15.50
Two Blades, Spear and Nail File, half polished.
Brass Lined. German Silver Tips.

No. 72150 2⅝ in. Pearl Handle. Per doz., $20.85
Two Blades, Spear and Pen, half polished.
Brass Lined. German Silver Bolsters.



No. 7222 2¾ in. Pearl Handle. Per doz., $22.00
Two Blades, Spear and Pen, half polished.
Brass Lined. German Silver Bolsters

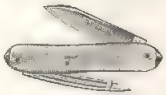
No. 02337 3 in. Stag Handle. Per doz., $13.85
Two Blades, Spear and Pen, half polished.
Brass Lined. German Silver Bolsters.

No. 02185 3⅜ in. Stag Handle. Per doz., $15.00
Two Blades, Spear and Pen, with Catch Spring,
Half polished.
Brass Lined. German Silver Bolsters and Shield.

No. 32185 3⅜ in. Ebony Handle. Per doz., $14.20
Two Blades, Spear and Pen, with Catch Spring
Half polished.
Brass Lined. German Silver Bolsters and Shield.

Illustrations of Pocket Knives one-half actual size.

"UNIVERSAL" POCKET CUTLERY



No. 72617 3 in. Pearl Handle. Per doz., $44.00
Two Blades, Spear and Nail File, half polished.
German Silver Lined. German Silver Tips.

No. 52617 3 in. Ivoroy Handle. Per doz., $23.35
Two Blades, Spear and Nail File, half polished.
Brass Lined. German Silver Tips and Shield.

No. 03144 3¼ in. Stag Handle. Per doz., $20.85
Three Blades, Spear, Pen and Nail File,
Half polished. Brass Lined.
German Silver Bolsters and Shield.

No. 03419 3¼ in. Stag Handle. Per doz., $36.50
Three Blades, Spear, Pen and Nail File,
Full Polished. Brass Lined.
Knurled Edge. German Silver Tips

No. 0379 3⅜ in. Stag Handle. Per doz., $20.85
Three Blades, Spear, Pen and Nail File,
Half polished. Brass Lined.
German Silver Bolsters and Shield.

No. 52658 3¼ in. Ivoroy Antique Hdle. Per doz., $23.35
Two Blades, Spear and Pen, half polished.
German Silver Lined

No. 53658 3¼ in. Ivoroy Antique Hdle. Per doz., $35.00
Three Blades, Spear, Pen and Nail File,
Half polished. German Silver Lined.

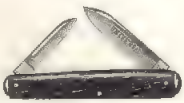
No. 72135 2¾ in. Pearl Handle. Per doz., $31.20
Two Blades, Spear and Nail File.
Half polished. Brass Lined.
With Shackle for use in attaching to Watch Chain.

No. 0381 3 in. Stag Handle. Per doz., $20.85
Three Blades, Spear, Pen and Nail File,
Half polished.
Brass Lined. German Silver Bolsters.

No 0316 3¼ in. Stag Handle Per doz., $20.85
Two Blades, Sheep Foot and Pen, High Color.
Iron Lined. Iron Bolsters. German Silver Shield.

No. 93440 3¼ in. Perfect Stag Handle. Per doz., $37.00
Three Blades, Sheep Foot, Pen and Nail File,
Half polished. Brass Lined
Knurled Back German Silver Tips and Shield.

No. 94440 3¼ in. Perfect Stag Handle. Per doz., $41.00
Four Blades, Sheep Foot, Two Pens and
Nail File, half polished. Brass Lined.
Knurled Back. German Silver Tips and Shield



No. 42108 3⅜ in. Buffalo Ivoroy Hdle. Per doz., $15.00
Two Blades, Spear and Pen, half polished.
Brass Lined. German Silver Tips.

Illustrations of Pocket Knives one-half actual size.

"UNIVERSAL" POCKET CUTLERY

Manufactured by LANDERS, FRARY & CLARK
Master Cutlers for over Fifty Years

A SUPERIOR LINE OF AMERICAN POCKET CUTLERY

Blades in UNIVERSAL Pocket Knives are made of the best English Pocket Cutlery Steel, forged and tempered by a process which insures a uniform temper, best suited to long service. Each blade is finely ground and finished, is hand sharpened and honed to a perfect cutting edge.

Handles of Pearl, Stag, Ivoroy and Buffalo Celluloid

THE BRAND "UNIVERSAL" IS A GUARANTEE OF QUALITY

No 72383 3½ in. Pearl Handle. Per doz., $18 50
Two Blades, Spear and Pen, half polished.
Brass Lined. German Silver Bolsters.

No. 7226 3 in. Pearl Handle. Per doz., $20.85
Two Blades, Spear and Pen, half polished.
Brass Lined German Silver Bolsters

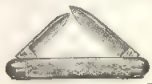
No. 02306 3 in. Stag Handle. Per doz., $14.35
Two Blades, Spear and Pen, half polished
Brass Lined German Silver Bolsters.

No. 03709 3 in. Stag Handle. Per doz., $20.85
Three Blades, Spear, Pen and Nail File,
Half polished. Brass Lined.
German Silver Bolsters and Shield.

No. 02425 3 in. Stag Handle. Per doz., $16 00
Two Blades, Spear and Nail File, half polished.
Brass Lined. German Silver Tips.

No. 49425 3 in. Buffalo Ivoroy Handle. Per doz., $15.50
Two Blades, Spear and Nail File, half polished.
Brass Lined. German Silver Tips.

No. 72150 2⅝ in. Pearl Handle. Per doz., $20.85
Two Blades, Spear and Pen, half polished.
Brass Lined. German Silver Bolsters.



No. 7222 2¾ in. Pearl Handle. Per doz., $22.00
Two Blades, Spear and Pen, half polished.
Brass Lined. German Silver Bolsters

No. 02337 3 in. Stag Handle. Per doz., $13.85
Two Blades, Spear and Pen, half polished.
Brass Lined. German Silver Bolsters.

No. 02185 3⅜ in. Stag Handle. Per doz., $15.00
Two Blades, Spear and Pen, with Catch Spring,
Half polished.
Brass Lined. German Silver Bolsters and Shield.

No. 32185 3⅜ in. Ebony Handle. Per doz., $14.20
Two Blades, Spear and Pen, with Catch Spring
Half polished.
Brass Lined. German Silver Bolsters and Shield.

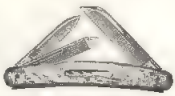
Illustrations of Pocket Knives one-half actual size.

"UNIVERSAL" POCKET CUTLERY

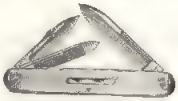
No. 73425 3⅝ in. Pearl Handle. Per doz., $39.36
Three Blades, Spear, Pen and Nail File,
Half polished. Brass Lined. German Silver Tips.

No. 03425 3 in. Stag Handle. Per doz., 20.85
Three Blades, Spear, Pen and Nail File,
Half polished. Brass Lined. German Silver Tips.

No. 73494 3⅝ in. Pearl Handle. Per doz., $18.75
Three Blades, Sabre Clip, Plain Clip and
Pen, half polished. Brass Lined. Knurled Back.
German Silver Bolsters and Shield.

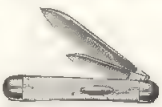


No. 73440 3½ in. Pearl Handle. Per doz., $62.35
Three Blades, Sheep Foot, Pen and Nail File,
Half polished. German Silver Lined. Knurled Back.

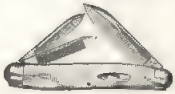


No. 73276 3½ in. Pearl Handle. Per doz., $46.25
Three Blades, Spear, Pen and Nail File,
Half polished. German Silver Lined.
German Silver Tips and Shield.

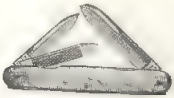
No. 73171 2⅝ in. Pearl Handle Per doz., $13.50
Three Blades, Spear, Pen and Nail File,
Half polished. Brass Lined German Silver Tips



No. 7250 3 in. Pearl Handle. Per doz., $24.35
Two Blades, Spear and Pen, half polished.
Brass Lined German Silver Bolster, Cap and Shield

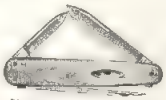


No. 73033 3¼ in. Pearl Handle Per doz., $45 60
Three Blades, Spear, Pen and Nail File,
Full polished. German Silver Lined.
German Silver Bolsters and Shield.

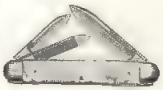


No. 73212 3¼ in. Pearl Handle. Per doz., $50.85
Three Blades, Spear, Pen and Nail File,
Full polished. Knurled Edge. German Silver Lined.

No. 74212 3¼ in. Pearl Handle. Per doz., $53.20
Four Blades, Spear, Two Pens and Nail File,
Full polished
German Silver Lined. Knurled Edge.



No. 73226 3½ in. Pearl Handle Per doz., $57.85
Three Blades, Spear, Pen and Nail File,
Full polished German Silver Lined
Knurled Back. German Silver Shield



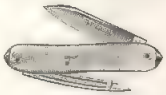
No 7327 3 in Pearl Handle Per doz., $35 85
Three Blades, Spear, Pen and Nail File,
Half polished. Brass Lined German Silver Bolsters

No. 7261 3 in Pearl Handle Per doz , $20 85
Two Blades, Spear and Pen, half polished.
Brass Lined. German Silver Bolsters

No 72337 3 in Pearl Handle. Per doz., $30.00
Two Blades, Spear and Pen, half polished.
Brass Lined. German Silver Bolsters and Shield

Illustrations of Pocket Knives one-half actual size.

"UNIVERSAL" POCKET CUTLERY



No. 72617 3 in. Pearl Handle. Per doz., $44.00
Two Blades, Spear and Nail File, half polished.
German Silver Lined. German Silver Tips.

No. 52617 3 in. Ivoroy Handle. Per doz., $23.35
Two Blades, Spear and Nail File, half polished.
Brass Lined. German Silver Tips and Shield.

No. 03144 3¼ in. Stag Handle. Per doz., $20.85
Three Blades, Spear, Pen and Nail File,
Half polished. Brass Lined.
German Silver Bolsters and Shield.

No. 03419 3¼ in. Stag Handle. Per doz., $36.50
Three Blades, Spear, Pen and Nail File,
Full Polished. Brass Lined.
Knurled Edge. German Silver Tips

No. 0379 3⅜ in. Stag Handle. Per doz., $20.85
Three Blades, Spear, Pen and Nail File,
Half polished. Brass Lined.
German Silver Bolsters and Shield.

No. 52658 3¼ in. Ivoroy Antique Hdle. Per doz., $23.35
Two Blades, Spear and Pen, half polished.
German Silver Lined

No. 53658 3¼ in. Ivoroy Antique Hdle. Per doz., $35.00
Three Blades, Spear, Pen and Nail File,
Half polished. German Silver Lined.

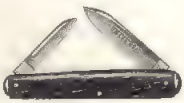
No. 72135 2¾ in. Pearl Handle. Per doz., $31.20
Two Blades, Spear and Nail File.
Half polished. Brass Lined.
With Shackle for use in attaching to Watch Chain.

No. 0381 3 in. Stag Handle. Per doz., $20.85
Three Blades, Spear, Pen and Nail File,
Half polished.
Brass Lined. German Silver Bolsters.

No 0316 3¼ in. Stag Handle Per doz., $20.85
Two Blades, Sheep Foot and Pen, High Color.
Iron Lined. Iron Bolsters. German Silver Shield.

No. 93440 3¼ in. Perfect Stag Handle. Per doz., $37.00
Three Blades, Sheep Foot, Pen and Nail File,
Half polished. Brass Lined
Knurled Back German Silver Tips and Shield.

No. 94440 3¼ in. Perfect Stag Handle. Per doz., $41.00
Four Blades, Sheep Foot, Two Pens and
Nail File, half polished. Brass Lined.
Knurled Back. German Silver Tips and Shield



No. 42108 3⅜ in. Buffalo Ivoroy Hdle. Per doz., $15.00
Two Blades, Spear and Pen, half polished.
Brass Lined. German Silver Tips.

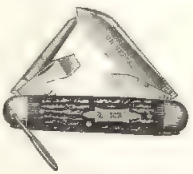
Illustrations of Pocket Knives one-half actual size.

"UNIVERSAL" POCKET CUTLERY

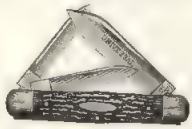
No. 02144 3¼ in. Stag Handle. Per doz., $13.85
Two Blades, Spear and Pen, half polished
Brass Lined. German Silver Bolsters and Shield

No. 034945 3⅝ in. Stag Handle. Per doz. $26.85
Three Blades, Sabre Clip, Clip Pen and
Regular Pen, Half polished.
Brass Lined. German Silver Bolsters and Shield.

No. 43494⅝ 3⅝ in. Buffalo Ivoroy Hdle. Per doz., $26.85
Three Blades, Sabre Clip, Clip Pen and
Regular Pen, half polished.
Brass Lined. German Silver Bolsters and Shield.



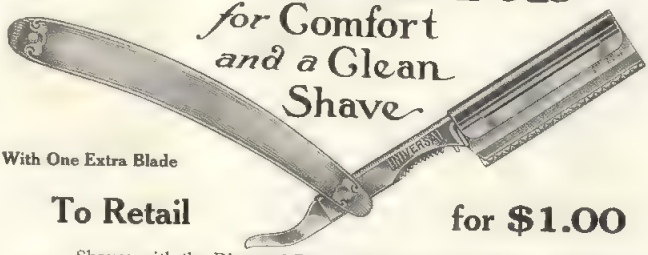
No. 03862 3¼ in. Stag Handle. Per doz., $27.75
Boy Scouts' Knife.
Four Blades, Large Clip, Leather Punch or Gouge
Can Opener and Screw Driver and Bottle Cap
Opener Half polished. Brass lined.
German Silver Bolsters and Shield with Shackle.



No. 93829 3⅜ in Perfect Stag Hdle. Per doz., $20.85
Three Blades, Spear and Two Pens
Half Polished
Brass Lined. German Silver Bolsters and Shield

The UNIVERSAL SAFETY RAZOR

for Comfort and a Clean Shave



With One Extra Blade

To Retail for $1.00

Shaves with the Diagonal Draw Cut—Easily—Smooth. Universal Blade is made of the finest quality Chrome Steel. Tempering, Grinding and Honing is done with a Scientific Accuracy, that insures absolutely a Perfect Shave.

Shaves down as ordinary razor—with the guard on, impossible to cut yourself. Strop it same as ordinary razor, clean guard and razor after shaving. With proper care this razor will last for years.

No. 60	Ivoroy (Antique) Handle Razor, Guard and Extra Blade in Case	Per doz.,	$27.75
No. 30	Ivoroy (Black) " " " " " " " " "	" "	27.75
No. 160	Ivoroy (Antique) " " " " " " and Strop in Case	Ea.	3.50
No. 130	Ivoroy (Black) " " " " " " " " "	Ea.	3.50

Extra Blades $3.50 Per dozen.

Manufactured by LANDERS, FRARY & CLARK.

Bicycles.

MEN'S FAMOUS

Frame Construction—Flush Joints, Seamless Tubing, Main Frame 1 in. 19 Gauge, Forks ⅞ in. 18 Gauge, Stays ⅞ in. 19 Gauge
Height of Frame—22 in.
Finish—Enameled Yale Blue, Nickel Plated Trimmings.
Rims—One Piece Maple, Enameled.
Crown—Oval Pattern, Drop Forged.
Hubs—Corbin Front Hub, with Ball Retainers.
Hanger—One Piece Forging, 7 in. Cranks.
Chain—½ in., Roller.
Handle Bar—Extension, Adjustable, with Leather Wound Grips.
Saddle—Grain Leather, Padded, with Coil Springs
Pedals—Rat Trap.

	Each
No. 150—With 28x1½ in. Famous Single Tube Tires, without Coaster Brake	$28 90
No. 151—With 28x1½ in. Famous Single Tube Tires and New Departure Coaster Brake	36.15
No. 150C—With 28x1⅝ in. Pritzlaff Clincher Tires, without Coaster Brake	35.10
No. 151C—With 28x1⅝ in. Pritzlaff Clincher Tires and New Departure Coaster Brake.	42 25

Weight Each About 55 Pounds.

MEN'S PRITZLAFF SPECIAL

Frame Construction—Flush Joints, Seamless Tubing, Main Frame 1 in. 19 Gauge, Forks ⅞ in. 18 Gauge, Stays ⅞ in. 19 Gauge.
Height of Frame—20, 22 or 24 in.
Finish—Enameled Black, with Red Head and Gold Stripes.
Rims—One Piece Maple, Enameled to Match Frame.
Crown—Drop Forged, Diamond Pattern.
Hubs—Corbin Front Hub, with Ball Retainers
Hanger—One Piece Forgings, 7 in. Cranks
Chain—½ in., Imported English Twin Roller.
Handle Bar—Ram's Horn, Extension, Adjustable, with Leather Wound Grips.
Saddle—Admiral Suspension
Pedals—World Rat Trap (Wide)
Tool Bag—Containing Pump, Wrench and Oil Can.

	Each
No. 110—With 28x1⅝ in. Pritzlaff Special Single Tube Tires, without Coaster Brake	$36 15
No. 111—With 28x1⅝ in. Pritzlaff Special Single Tube Tires and New Departure Coaster Brake.	43 35
No. 110C—With 28x1⅝ in. Pritzlaff Clincher Tires, without Coaster Brake	40 00
No. 111C—With 28x1⅝ in. Pritzlaff Clincher Tires, and New Departure Coaster Brake	47 25

Weight Each About 59 Pounds.
Extra for Mud Guard, $2.15.

NOTE—Pritzlaff Special Bicycles are Carried in 22 in. Frame Only. 20 and 24 in. Frame Bicycles Shipped from Chicago.

Bicycles.

MEN'S PRITZLAFF SPECIAL MOTOR BIKE

With Motor Bike Equipment.

Frame Construction—Flush Joints, Seamless Tubing, Main Frame 1 in. 19 Gauge, Forks ⅞ in. 18 Gauge, Stays ⅝ in. 19 Gauge
Height of Frame—20, 22 or 24 in.
Finish—Enameled Black, with Red Head and Gold Stripes.
Rims—One Piece Maple, Enameled to Match Frame.
Crown—Drop Forged, Diamond Pattern.
Hubs—Corbin Front Hub, with Ball Retainers.
Hanger—One Piece Forging, 7 in. Cranks
Chain—⅜ in., Imported English Twin Roller
Handle Bar—Motor Cycle, with Large Rubber Grips
Saddle—Road King
Pedals—World Rubber.
Stand—Quick Action
Mud Guards—Steel, Enameled
Tool Bag—Containing Pump, Wrench, Oil Can and Tire Kit.

	Each
No. 111M—With 28x1⅝ in. Pritzlaff Special Single Tube Tires and New Departure Coaster Brake	$50 65
No. 111CM—With 28x1⅝ in. Pritzlaff Clincher Tires and New Departure Coaster Brake	54 65

Weight Each About 69 Pounds

Note—Pritzlaff Special Bicycles are Carried in 22 in. Frame Only, 20 or 24 in. Frame Bicycles Shipped from Chicago

LADIES' PRITZLAFF SPECIAL

Frame Construction—Flush Joints, Drop Pattern, Seamless Tubing, Main Frame 1 in. 19 Gauge, Forks ⅞ in. 18 Gauge, Stays ⅝ in. 19 Gauge.
Height of Frame—20 in.
Finish—Enameled Black, with Red Head and Gold Stripes.
Rims—One Piece Maple, Enameled to Match Frame.
Crown—Drop Forging, Diamond Pattern.
Hubs—Corbin Front Hub, with Ball Retainer.
Hanger—One Piece Forging, 6½ in. Cranks.
Chain—⅜ in., Imported English Twin Roller
Guards—For Dress and Chain, Steel, Enameled to Match Frame
Handle Bar—Extension, Adjustable, with Leather Wound Grips
Saddle—Grain Leather, Padded, with Coil Spring
Pedals—Rubber
Tool Bag—Containing Pump, Wrench, Oil Can and Tire Kit

	Each
No. 200—With 28x1⅝ in. Pritzlaff Special Single Tube Tires, without Coaster Brake	$38 25
No. 201—With 28x1⅝ in. Pritzlaff Special Single Tube Tires and New Departure Coaster Brake	46 00
No. 200C—With 28x1⅝ in. Pritzlaff Clincher Tires, without Coaster Brake	42 25
No. 201C—With 28x1⅝ in. Pritzlaff Clincher Tires and New Departure Coaster Brake	50 00

Weight Each About 64 Pounds

Bicycles.

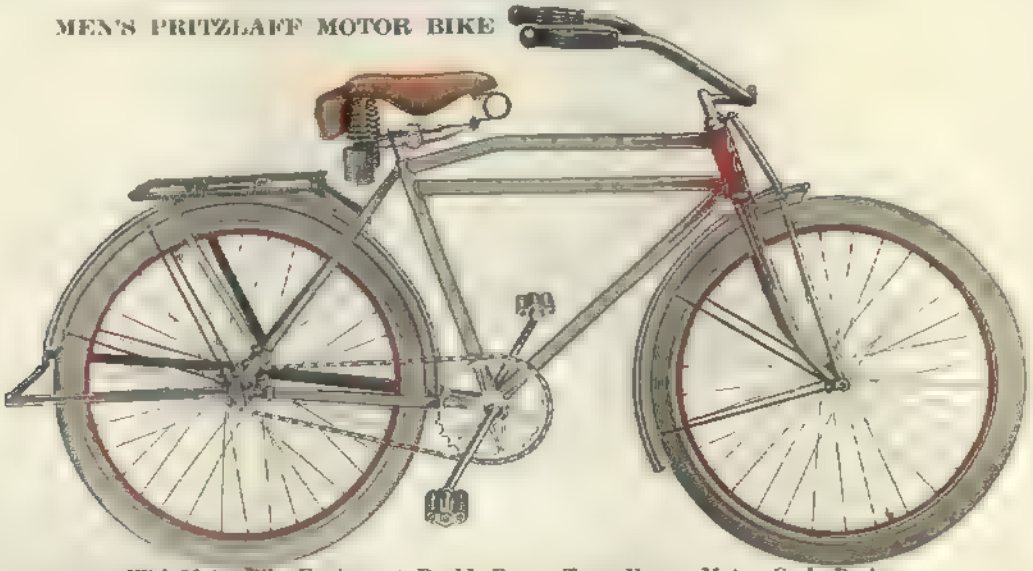
MEN'S PRITZLAFF No. 5, ARCH TRUSS

Frame—1 in. Seamless Tubing, 18 Gauge, in Main Frame and Rear Forks and Stays
Height of Frame—22 in.
Finish—Handsomely Enameled in Deep Rich Black, with Fancy Green Sunburst Head and Double Panel Green Hairline Stripes.
Front Fork—Fancy Ribbed, Fork Sides Nickel Plated.
Crown—Drop Forged, Diamond Pattern.
Rims—One Piece Maple, Enameled to Match.
Wheels—28 in.
Hubs—New Departure.
Brake—New Departure
Hanger—One Piece Fauber Pattern, 7 in., Diamond Pattern.
Chain—⅛ in., English Twin Roller, ½ in. Pitch.
Front Sprocket—60 Tooth, Handsome Design, Rolled Edge
Rear Sprocket—20 Tooth.
Handle Bar—Improved Extension, Ram's Horn Style, with Long Rubber Grips.
Saddle—Improved Road King, Suspension Type.
Pedals—World Rubber.
Tool Bag—Oval Pattern, Grain Leather, Containing Pump, Wrench, Oiler and Tire Repair Kit.

		Each
No. 5	—With 28x1½ in. Pritzlaff No. 5 Single Tube Tires, without Coaster Brake	$46 75
No. 5C	—With 28x1½ in. Pritzlaff No. 5 Single Tube Tires and New Departure Coaster Brake	52 75
No. 50	—With 28x1⅝ in. Pritzlaff Clincher Tires, without Coaster Brake	49 50
No. 50C	—With 28x1⅝ in. Pritzlaff Clincher Tires and New Departure Coaster Brake	55 60

NOTE—Extra for Mud Guards, $2.15. Weight Each About 60 Pounds.

MEN'S PRITZLAFF MOTOR BIKE



With Motor Bike Equipment, Double Bar or Truss Frame, Motor Cycle Design.

Frame—1 in. Seamless Tubing, Well Reinforced.
Height of Frame—20 in.
Finish—Battleship Gray, with Fancy Red Sunburst Head and Nicely Striped with Red and Blue Hairlines.
Fork—Truss Pattern, Nicely Decorated.
Rims—One Piece Maple, Steel Lined, for Clincher Tires.
Wheels—28 in.
Hangers—One Piece Fauber Pattern, 7 in., Diamond Pattern.
Chain—⅛ in., English Twin Roller.
Sprocket—Front, 26 Tooth, Heart Pattern, 9 Tooth Rear.
Handle Bar—Motorbike Extension, Long Rubber Grips.
Saddle—Eagle Easy, Motorcycle Type.
Pedals—World Rubber.
Tool Bag—Triangular, Grain Leather, Containing Pump, Wrench, Oiler and Tire Repair Kit.
Mud Guards—Deep Drop Side, Sheet Metal, Motorcycle Style
Rear Stand—To Support Bicycle
Package Carrier—Metal, Detachable.

		Each
No. 50CM	—With 28x1⅝ in., Pritzlaff Clincher Tires and New Departure Coaster Brake	$60.00

Weight Each About 72 Pounds

Bicycles.

BOYS' JUVENILE

Frame—Seamless Tubing, 18 in High
Finish—Enameled Black, with Red Head, Nickel Plated Trimmings.
Wheels—26 in.
Tires—Juvenile, Single Tube
Forks—Juvenile, Fork Sides Nicely Tapered.

Hanger—One Piece Crank, 5½ in
Chain—⅛ in., Diamond Block
Handle Bar—Juvenile, Adjustable
Saddle—Juvenile, Padded.
Pedals—Juvenile
Tool Bag—Containing Pump, Wrench and Oiler

	Each
No. 250—Boys' Juvenile, without Coaster Brake	$30 50
No. 251—Boys' Juvenile, with New Departure Coaster Brake	38 00

Weight Each About 53 Pounds

GIRLS' JUVENILE

Frame—Seamless Tubing, 18 in. High.
Finish—Enameled Black, with Red Head, Nickel Plated Trimmings.
Wheels—26 in.
Tires—Juvenile, Single Tube.
Forks—Juvenile, Fork Sides Nicely Tapered.

Hanger—One Piece Crank, 5½ in.
Chain—⅛ in., Diamond Block.
Handle Bar—Juvenile, Adjustable.
Saddle—Juvenile, Padded
Pedals—Juvenile
Dress Guard—Steel, Enameled.
Tool Bag—Containing Pump, Wrench and Oiler.

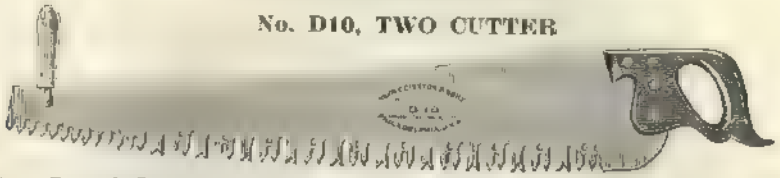
	Each
No. 200—Girls' Juvenile, without Coaster Brake	$31 75
No. 201—Girls' Juvenile, with New Departure Coaster Brake	39 00

Weight Each About 52 Pounds.

One Man Cross Cut Saws.

HENRY DISSTON & SONS'

No. D10, TWO CUTTER

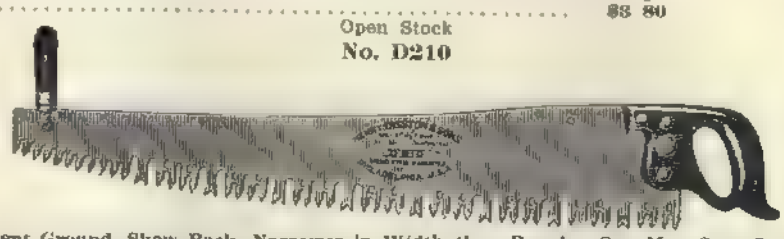


Extra Spring Steel, Patent Ground, Skew Back, 4 in. Blank Butt, Narrower in Width than Regular One Man-Saw, Long and Slim Teeth, Extra Wide Gullets, Special Shaped Rakers with Under Cut for Clearance, Extra Large Grip. Beech Handle, 4 Screws, Supplementary Handle.

Length, Feet	3½	4	4½
Approx. Weight Each, Lbs	4½	5¼	6
Each, with Handles	$3 80	4.35	4.90

Open Stock

No. D210



Extra Spring Steel, Patent Ground, Skew Back, Narrower in Width than Regular One Man Saw, Long and Slim Teeth, Extra Wide Gullets, Special Shaped Rakers with Under Cut for Clearance, Extra Large Grip, Beech Handle, 4 Screws, Supplementary Handle.

Length, Feet	3½	4	4½
Approx. Weight Each, Lbs	4½	5¼	6
Each with Handles	$3 80	4.35	4.90

Open Stock.

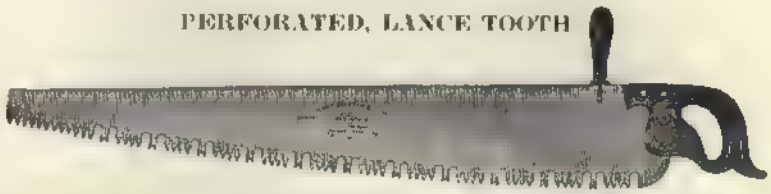
CHAMPION TOOTH

Extra Spring Steel, Patent Ground, Thin Back, Beech Handle, Varnished Edges, Brass Screws, Beech Supplementary Handle.

Length, Feet	3½	4	4½	5
Approx. Weight Each, Lbs	4½	5¼	6	6½
Each, with Handles	$2 90	3 30	3 90	4 00

Open Stock

PERFORATED, LANCE TOOTH



Extra Spring Steel, Patent Ground, Extra Wide Blade, Thin Back, Beech Handle, Varnished Edges, Nickel Plated Screws, Beech Supplementary Handle.

Length, Feet	4
Approx. Weight Each, Lbs	5½
Each with Handles	$4 15

Open Stock.

GREAT AMERICAN TOOTH

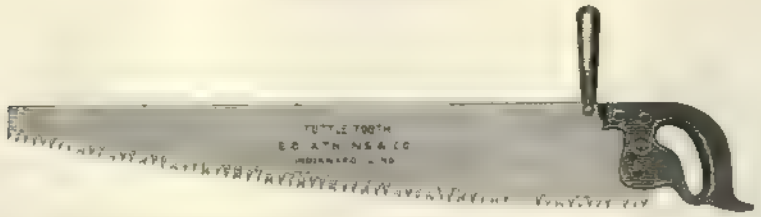
Extra Spring Steel, Patent Ground, Thin Back, Beech Handle Varnished Edges, Brass Screws, Beech Supplementary Handles.

Length, Feet	3½	4	4½	5
Approx. Weight Each, Lbs	4½	5¼	6	6¾
Each, with Handles	$3.15	3.60	4.05	4.55

Open Stock

One Man Cross Cut Saws.

E. C. ATKINS & CO.'S
TUTTLE TOOTH

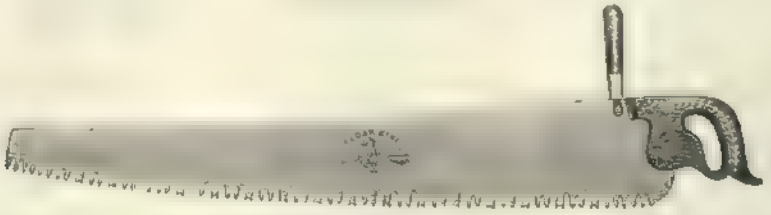


Special Steel, Beechwood Handle, Varnished Edges, Brass Screws, Beech Supplementary Handle.

Length, Feet	3½	4	4½	5
Weight Each, Lbs.	4	5	6	7
Each, with Handles	$2.50	2.85	3.20	3.55

Open Stock.

CEDAR KING

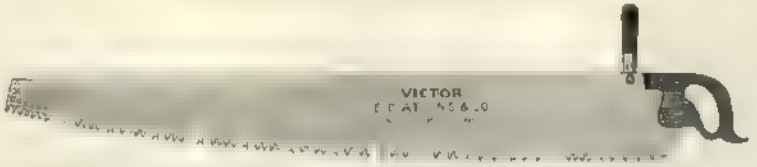


Special Crucible Steel, Skew Back, Rex Pattern Teeth, Swaged Raker Teeth, Carved Handle, Varnished Edges, Brass Screws, Hardwood Supplementary Handle.

Length, Feet	3½	4	4½
Weight Each, Lbs.	4	5	6
Each, with Handles	$3 25	$.75	4.30

Open Stock

PERFORATED, VICTOR TOOTH



Special Steel, Beechwood Handle, Varnished Edges, Brass Screws, Beech Supplementary Handles.

Length, Feet	4
Weight Each, Lbs.	5
Each, with Handles	$3 60

Open Stock.

TAMARACK, PERFORATED LANCE TOOTH

No. 741—Silver Steel, Skew Back, Beechwood Handle, Polished Edges, 3 Screws, Beech Supplementary Handle.

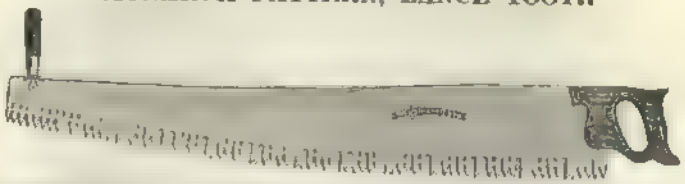
The Handle on this Saw is Extra Large so that a Man with Gloves can Use it

Length, Feet	4	4½
Weight Each, Lbs.	5	6
Each, with Handles	$5.35	6.00

Open Stock.

One Man Cross Cut Saws.

SIMONDS MFG. CO.'S MONARCH PATTERN, LANCE TOOTH



No. 223—Extra Quality Steel, Special Temper, Crescent Ground, Double Horn Handle, with Large Opening, Enabling Operator to Use Mitten or Glove in Winter, Beech Supplementary Handle.

Length, Feet	4
Weight Each, Lbs	5
Each, without Handles	$5.35

Open Stock

LANCE TOOTH

No. 222—Extra Quality Steel, Special Temper, Straight Ground, Beech Handles, Varnished Edges, Beech Supplementary Handles.

Length, Feet	3½	4	4½
Weight Each, Lbs.	4½	5	6
Each, without Handles.	$2.80	3 20	3.60

Open Stock.

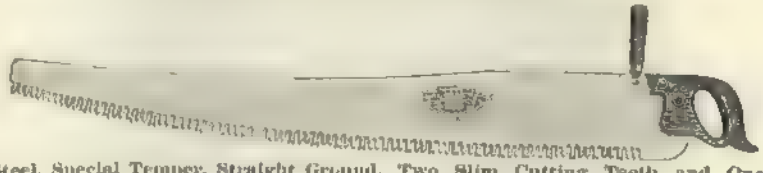
CHAMPION TOOTH

No. 111—Extra Quality Steel, Special Temper, Straight Ground, Beech Handle, Varnished Edges, Beech Supplementary Handles.

Length, Feet	3½	4	4½
Weight Each, Lbs.	4½	5	6
Each, without Handles..	$2.50	2.85	3.20

Open Stock.

SPECIAL SWAY BACK CEDAR

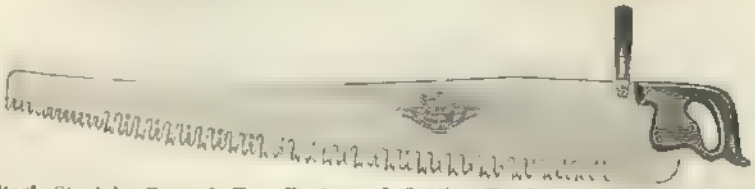


No. 113—Extra Quality Steel, Special Temper, Straight Ground, Two Slim Cutting Teeth and One Raker, Beech Handles, Varnished Edges, Beech Supplementary Handles.

Length, Feet	3½	4
Weight Each, Lbs.	4½	5
Each, without Handles.	$2 90	3.30

Open Stock

SPECIAL SWAY BACK CEDAR, PERFORATED

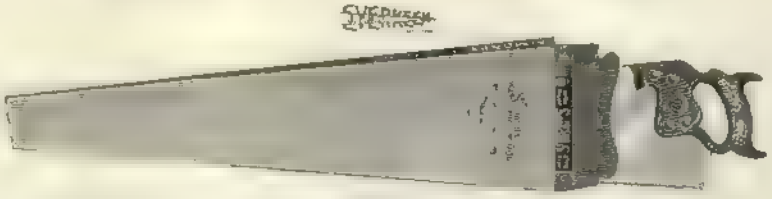


No. 224—Extra Quality Steel, Straight Ground, Two Perforated Cutting Teeth and One Raker, Beech Handle, Pressed Steel Supplementary Handle.

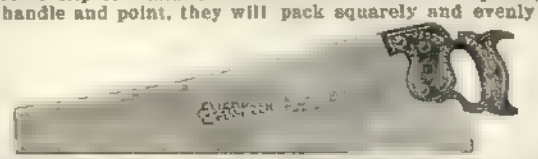
Length, Feet	3½	4
Weight Each, Lbs.	4½	5
Each, without Handles	$3.05	3.50

Open Stock

Hand, Rip and Panel Saws.



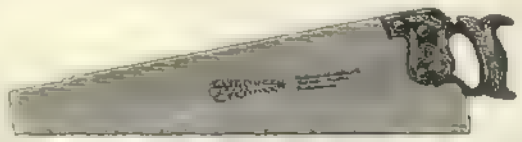
The above illustration shows the Method of Packing Evergreen and Simonds Hand Saws. The advantages are that, when a saw is sold, it is ready to hand to a customer without further doing up. The cases are so marked with the size of the saw, number of points to the inch and whether Rip or Hand that this information shows plainly, no matter how the cases are placed on the shelf. By arranging the saws handle and point, they will pack squarely and evenly on the shelf.



No. E23—Evergreen. Extra Quality, Refined Spring Steel, HIGHLY FINISHED, Full Taper Ground, SKEW BACK, Full Beveled Filed Teeth, HIGHLY POLISHED AND CARVED MAHOGANY HANDLE, Five Nickel Screws, this Saw is a Masterpiece of the Saw Makers' Art.

	Panel		Hand	Rip	
Length, Inches	20	22	26	26	28
Points to the Inch	9, 10, 11	9, 10, 11	6, 7, 8, 9, 10	4, 4½, 5, 5½	4, 4½, 5, 5½
Approx. Weight Per Dozen, Lbs.	16	20	24	24	27
Per Dozen	$37.75	38.90	44.50	44.50	46.65

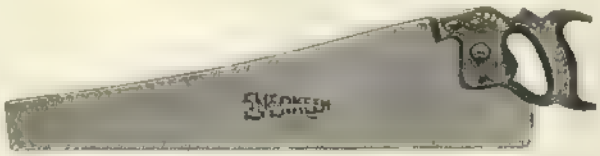
One-twelfth Dozen in a Carton.



No. E24—Evergreen. Extra Quality Refined Spring Steel, HIGHLY FINISHED, Full Taper Ground, STRAIGHT BACK, Full Beveled Filed Teeth, HIGHLY POLISHED AND CARVED MAHOGANY HANDLE, Five Nickel Screws; this Saw is a Masterpiece of the Saw Makers' Art.

	Panel		Hand	Rip	
Length, Inches	20	22	26	26	28
Points to the Inch	9, 10, 11	9, 10, 11	6, 7, 8, 9, 10	4, 4½, 5, 5½	4, 4½, 5, 5½
Approx. Weight Per Dozen, Lbs.	16	20	24	24	27
Per Dozen	$37.75	38 90	44.50	44.50	46.65

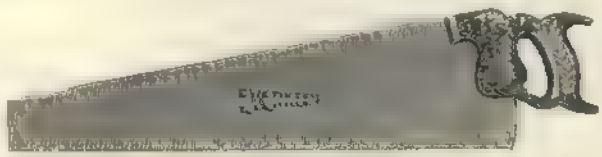
One-twelfth Dozen in a Carton.



No. E25—Evergreen. Extra Quality Spring Steel, Skew Back, Warranted, CARVED APPLEWOOD HANDLE, 4 GAUGE TAPER, EXTRA HIGH POLISH, Four Improved Brass Screws.

	Panel			Hand	Rip	
Length, Inches	18	20	22	26	26	28
Points to the Inch	9, 10, 11	9, 10, 11	9, 10, 11	6, 7, 8, 9, 10	4, 4½, 5, 5½	4, 4½, 5, 5½
Ap. Weight Per Dozen, Lbs.	14	16	20	24	24	27
Per Dozen	$22.25	23 35	24.45	29 00	29.00	33 50

One-twelfth Dozen in a Carton



No. E26—Evergreen. Extra Quality Spring Steel, Straight Back, Warranted, CARVED APPLEWOOD HANDLE, 4 GAUGE TAPER, EXTRA HIGH POLISH, Four Improved Brass Screws.

	Panel		Hand	Rip	
Length, Inches	20	22	26	26	28
Points to the Inch	9, 10, 11	9, 10, 11	6, 7, 8, 9, 10	4, 4½, 5, 5½	4, 4½, 5, 5½
Approx. Weight Per Dozen, Lbs.	16	20	24	24	27
Per Dozen	$23 35	24.45	29 00	29 00	33 50

One-twelfth Dozen in a Carton

Levels.

O. K.

Hardwood, Mahogany Finish Adjustable Tested Glasses.

	Per Dozen
No. X7—Assorted 16 to 20 in.	$8 35

Weight Per Dozen About 16 Pounds.

One-twelfth Dozen in a Box.

Plumbs and Levels.

O. K.

No. X5.

Hardwood, Mahogany Finish, Adjustable Tested Glasses.

	Per Dozen
No. X6—Assorted 22 to 28 in., Weight Per Dozen About 30 Lbs.	$13.35
No. X5—With Brass End Plates, Assorted 22 to 26 in., Weight Per Dozen 32 Lbs	16.65

One-twelfth Dozen in a Box

Plumbs and Levels.

O. K.

No. X3.

Hardwood Mahogany Finish, Brass Side and Plumb Views, Brass End Plates, Adjustable Tested Glasses.

	Per Dozen
No. X4—Assorted 24 to 30 in. Weight Per Dozen 36 Lbs.	$26 65
No. X3—Seven Piece Stock, Assorted 24 to 30 in. Weight Per Dozen About 36 Lbs	33 35

One-twelfth Dozen in a Box.

No. X1

Hardwood, Mahogany Finish, Brass Side and Plumb Views, Three Dials, One Each for Level, Plumb and for Adjusting Grade or Inclinations, Brass End Plates, Adjustable Tested Glasses.

	Per Dozen
No. X2—Assorted 28 to 30 in., Weight Per Dozen 36 Lbs	$36.65
No. X1—Seven Piece Stock, Assorted 28 and 30 in., Weight Per Dozen About 36 Lbs.	40.00

One-twelfth Dozen in a Box

MASONS', O. K.

No. X9

Spruce, Mahogany Finish, Brass Side and Plumb Views, Two Spirit Plumbs and One Spirit Level, Brass End Plates, Adjustable Tested Glasses.

	Per Dozen
No. X8—48 in. Long, 1¾x3½ in. Stock, Weight Per Dozen About 42 Lbs.	$40.00

One-twelfth Dozen in a Box

Spruce, Mahogany Finish, Brass Side and Plumb Views, Two Spirit Plumbs One Spirit Level, with Plumb Bob and Line Enclosed in Stock, Opening for Plumb Bob, Enclosed with Heavy Transparent Celluloid Plates, Brass End Plates.

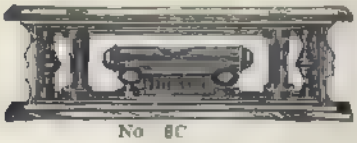
	Per Dozen
No. X9—48 in. Long, 1¼x3½ in. Stock, Weight Per Dozen 44 Lbs.	$55 60

One-twelfth Dozen in a Box.

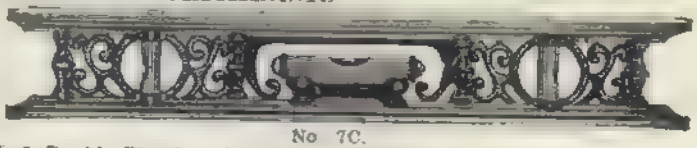
The vials in all these O. K. Levels are provided with a new adjustment. They can easily be placed in any position and securely fastened by the two small screws about centered with a steel nut that is fastened to the stock beneath the vial ring and a slight pressure with a small screw driver releases or fastens the vial ring. It is metal to metal and is entirely reliable

DAVIS' PATENT

CARPENTERS' AND MACHINISTS'



No 6C



No 7C.

Cast Iron, Japanned, and Polished, Double Plumb and Level, Adjustable, Plain Glass.

Nos.	6C	7C	8C	9C
Length, Inches	6	12	18	24
Approx. Weight Per Dozen, Lbs.	12	24	36	48
Per Dozen	$37 35	42.15	46.80	56 20

One-twelfth Dozen in a Box.

Combined Plumb, Level and Inclinometer.

DAVIS' PATENT MACHINISTS' AND CARPENTERS'

Cast Iron Frame, Japanned and Polished Plumb and Level with Inclinometer, Adjustable, Plain Glasses.

	Per Dozen
No. 49C—24 in. Long, Weight Per Dozen About 48 Lbs	$88 60

One-twelfth Dozen in a Box.

Inclinometer Levels.

DAVIS' PATENT MACHINISTS'

No. 1M.

No. 2M.

Cast Iron, Japanned and Polished, Brass Center Cylinder, with Inclinometer, Graduations and Indicator, Adjustable.

Nos.	1M	2M	3M	4M
Length, Inches	7	12	18	24
Weight Each, Lbs	20	36	48	60
Per Dozen	$45 30	56.60	67.95	79 25

One-twelfth Dozen in a Box

Plumbs and Levels.

STANLEY'S

No. 36—Style of 9 inch.

No. 36—Style of 12, 18 and 24 inch.

No. 36—Cast Iron Frame, Japanned, Nickel Plated Trimmings, Two Plumbs, Adjustable, Proved Glasses, **Flat Bottom.**

Length, Inches	6	9	12	18	24
Ap Wt Dozen, Lbs	10½	15	22	36	51
Per Dozen	$18 45	22.65	27.25	31 90	36 65

One-twelfth Dozen in a Box.

No. 36G Cast Iron Frame, Japanned, Nickel Plated Trimmings, Two Plumbs, Adjustable, Proved Glasses, **V Shaped Bottom.**

Length, Inches	6	9	12	18	24
Ap Wt Dozen, Lbs	10½	15	22	36	51
Per Dozen	$18 45	22 65	27 25	31 90	36 65

One-twelfth Dozen in a Box

No. 37—Style of 9 in.

No. 37—Style of 12, 18 and 24 in

No. 37—Cast Iron Frame, Nickel Plated, Two Plumbs Eclipse Case Cover Adjustable, Ground Glasses, **Flat Bottom.**

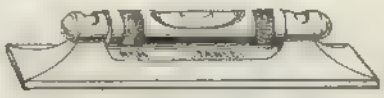
Length, Inches	6	9	12	18	24
Ap. Wt. Dozen, Lbs	10½	15	22	36	51
Per Dozen	$30 00	35.55	41.10	48.85	56.60

One-twelfth Dozen in a Box.

No. 37G Cast Frame, Nickel Plated, Two Plumbs, Eclipse Cast Cover, Adjustable, Ground Glasses, V Shape **Bottom.**

Length, Inches	6	9	12	18	24
Ap. Wt. Dozen, Lbs.	10½	15	22	36	51
Per Dozen	$30.00	35.55	41.10	48 85	56.60

One-twelfth Dozen in a Box.



No. 34—Eclipse, Iron Frame, Nickel Plated, Eclipse Case Cover, Adjustable, Ground Glasses, **Flat Bottom.**

Length, Inches	4
Approx. Weight Per Dozen, Lbs	1½
Per Dozen	$16 65

One-twelfth Dozen in a Box

No. 34V—Eclipse, Iron Frame, Nickel Plated, Eclipse Case Cover, Adjustable, Ground Glasses, V Shaped Bot-**Bottom, for Leveling Shafts, Etc.**

Length, Inches	6	8	10
Ap. Weight Per Dozen, Lbs	9	14	21
Per Dozen	$20 75	27 80	31 65

One-twelfth Dozen in a Box

MACHINISTS', Iron Frame, Brass Top Screwed On, Nickel Plated, Proved Glasses.

Per Dozen

No. 38½—4 in. Long, Weight Per Dozen 3¼ Lbs . $7 50

One-half Dozen in a Box.

MACHINISTS', Iron Frame, Brass Top Screwed On, Nickel Plated, Proved Glasses.

Per Dozen

No. 39½ 6 in Long, Weight Per Dozen About 7 Lbs $8.55

One-half Dozen in a Box.

Pocket Levels.

Iron Body, Japanned, Brass Top Plate, Steel Set Screw.

Per Dozen

No. 40—3 in. Long, Weight Per Dozen 2½ Lbs . . $3 15

This Level can be attached to any Straight Edge or Carpenter's Square

One Dozen in a Box.

Iron Body, Japanned, Steel, Steel Screw.

Per Dozen

No. 40—3¼ in. Body, Japanned Iron Top Plate, Weight Per Dozen About 1⅔ Lbs . . $2 00

No. 41—3¼ in. Body, Brass Top Plate, Weight Per Dozen About 1⅔ Lbs . . . $2 25

The above Levels can be readily attached to any Straight Edge or Carpenter's Square.

One Dozen in a Box.

No. 31—Hexagon Steel Case, Nickel Plated, Proved Glasses.

Length, Inches . .	2	3	4
Ap. Wt. Doz., Lbs.	½	1	1½
Per Dozen . .	$5 00	6 10	8 90

These Levels are very handy for leveling up clocks, cameras, etc.

One-half Dozen in a Box.

Line Levels.

STEVENS'

No. 200

Aluminum Tube, Spring German Silver End Pieces and Hooks in One Piece, Proved Glasses.

Per Dozen

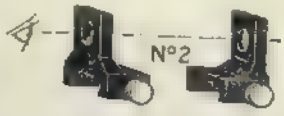
No. 200—3 in. Long, Weight Per Dozen About ⅓ Lb. $8 00

The End Pieces are attached to Tube by German Silver Rivets that pass through the Tube and through the Lugs at top and bottom between the hooks and center of Level thus preventing the hooks from pulling out of alignment in case of severe strain or rough usage

One Dozen in a Box.

Level Sights.

No. 1—Attached to Level.



Adjustable, Cast Iron, Japanned.

Per Dozen Pairs

No. 1—Width of Clamp 1⅝ in., for Wood Level. Weight Per Dozen Pairs About 3 Lbs . $12 25

Adjustable, Cast Iron, Japanned.

Per Dozen Pairs

No. 2—Width of Clamp ⅝ in. for Iron Levels, Weight Per Dozen Pairs About 3 Lbs . . . $12 25

By the use of these ingenious devices, which can be attached to any Level, the owner has a convenient and accurate means for leveling, from one given point to another at a long distance away. When not in use the Level Sights are easily detached, and can be packed away in a small space for future use

One-twelfth Dozen Pairs in a Box.

Pitch Adjusters

Cast Iron, Nickel Plated, Adjustable Slide.

Per Dozen

No. 7—Length 2¼ in., for Iron Levels, Weight Per Dozen About 7½ Lbs. $17.20

No. 5—Length 3 in. for Wood Level, Weight Per Dozen About 4½ Lbs. 17.20

These can be readily attached to any Iron or Wood Level and securely fastened in place by means of a thumb-screw

One edge of slide is graduated and a reading to determine pitch is taken from bottom of slide to bottom of frame.

The graduation on the scale is for even pitch per foot. To obtain this pitch with an 18 in. Level, the scale should be set to ⅜ in.; on the 24 in., to ½ in.; on the 30 in., to ⅝ in., and so on. The maximum pitch is 1½ in. per foot

On any irregular length, a straight edge and rule may be used to lay out and adjust the slide for the pitch wanted

One-twelfth Dozen in a Box.

Bit and Square Levels.

Brass Frame and Set Screw.

Per Dozen

No. 44—Width 1½ in., Weight Per Dozen About 2 Lbs $5 60

This Tool has three pairs of V slots on its back edges. The shank of a Bit will lie in these slots, either vertical or at an angle of 45 degrees and a ring cut be done with perfect accuracy. It can also be attached to a Carpenter's square, making it an accurate Plumb or Level.

One-twelfth Dozen in a Box

Level Glasses.

STANLEY'S PROVED

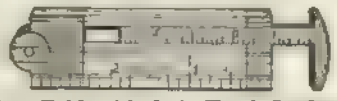
Length, Inches ..	1	1¼	1½	1¾	2	2½	3	3½	4	Assorted 1¼, 2, 3½
Per Dozen	80 90	.90	1.00	1.12	1.16	1.25	1 35	1.45	1.56	1 35

Made of extra thick tubing. By a patented process each Level Glass is marked at its highest, or crowning point, by two indelible lines; and each Plumb Glass with a single line. The owner can thus easily set the glass accurately in its proper position.

Weight Per Dozen About ¼ Pound.

One Dozen in a Box

Ivory Rules.

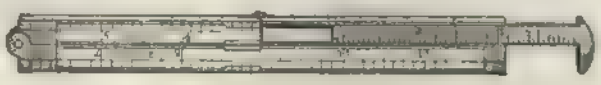


Six Inch, Two Fold with Left Hand Graduated Caliper.

Per Dozen

No. 38—Square Joint, German Silver Trimmings, Marked 8ths, 10ths, 12ths and 16ths of Inches, ⅜ in. Wide, Weight Per Dozen ¾ Lbs **$22 25**

One-twelfth Dozen in a Leather Case, One-half Dozen in a Box



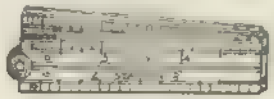
One Foot, Four Fold, with Left Hand Graduated Caliper.

Per Dozen

No. 40—Square Joint, Full Bound, German Silver Trimmings, Marked in 8ths and 16ths of Inches, ⅝ in. Wide **$64.40**

Weight Per Dozen About 1¾ Pounds.

One-twelfth Dozen in a Leather Case, One-half Dozen in a Box.



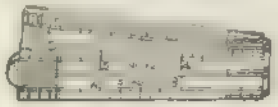
One Foot, Four Fold.

Per Dozen

No. 90—Round Joint, Middle Plates, German Silver Trimmings, Marked 8ths and 16ths of Inches, ⅜ in. Wide **$15.55**

Weight Per Dozen About 1 Pound

One Dozen in a Box



No 92

One Foot, Four Fold.

Per Dozen

No. 92—Square Joint Edge Plates, German Silver Trimmings, Marked 8ths and 16ths of Inches, ⅝ in. Wide **$21.10**

No. 92½—Square Joint, Middle Plates, German Silver Trimmings, Marked 8ths and 16ths of Inches, ⅝ in Wide **25 00**

Weight Per Dozen About 1 Pound.

One-half Dozen in a Box

No 88½

One Foot, Four Fold.

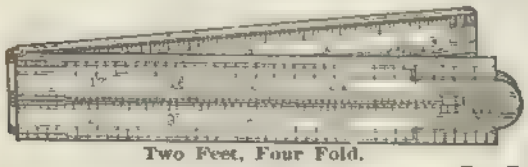
Per Dozen

No. 88½—Arch Joint, Edge Plates, German Silver Trimmings, Marked 8ths and 16ths of Inches, ⅝ in Wide **$31 10**

No. 88—Arch Joint, Full Bound, German Silver Trimmings Marked 8ths and 16ths of Inches, ⅝ in. Wide **46 65**

Weight Per Dozen About 1 Pound

One-twelfth Dozen in a Leatherette Case, One-half Dozen in a Box.



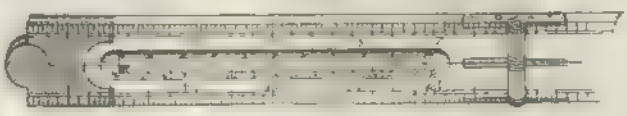
Two Feet, Four Fold.

Per Dozen

No. 87—Arch Joint, Full Bound, German Silver Trimmings, Marked 8ths, 10ths, 12ths and 16ths of Inches, Drafting Scale, 1 in. Wide . . **$115.45**

Weight Per Dozen About 2½ Pounds

One-twelfth Dozen in Leather Case, One-half Dozen in a Box.



Two Feet, Four Fold.

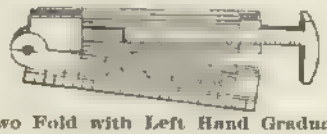
Per Dozen

No. 86½—Arch Joint, Edge Plates, German Silver Trimmings, Marked 8ths, 10ths, 12ths and 16ths of Inches, with Inside Beveled Edges Divided into Drafting Scale, 1 in. Wide . . **$138 20**

Weight Per Dozen About 2½ Pounds.

One-twelfth Dozen in Leather Case, One-half Dozen in a Box.

Boxwood Rules.



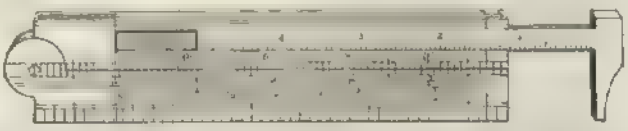
Six Inch, Two Fold with Left Hand Graduated Caliper.

Per Dozen

No. 36—Square Joint, Marked 8ths, 10ths, 12ths and 16ths of Inches, Caliper Graduated in 16ths of Inches, ⅞ in. Wide **$4.25**

Weight Per Dozen About 1 Pound

One-half Dozen in a Box.



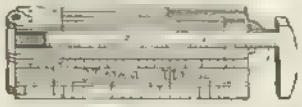
One Foot, Two Fold, with Left Hand Graduated Caliper.

Per Dozen

No. 36½—Square Joint, Marked 8ths, 10ths, 12ths and 16ths of Inches, Caliper Graduated in 16ths of Inches, 1⅜ in. Wide **86 10**

Weight Per Dozen About 1¾ Pounds.

One-half Dozen in a Box.



One Foot, Four Fold with Caliper. Per Dozen

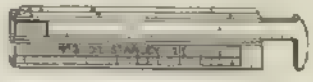
No. 32 —Arch Joint, Edge Plates, Marked 8ths, 10ths, 12ths and 16ths of Inches, Left Hand Caliper Graduated in 16ths of Inches, 1 in Wide **$6.45**

No. 32R —Same as No. 32, but with Right Hand Caliper **7.00**

No. 32½—Arch Joint, Full Bound, Marked 8ths, 10ths, 12ths and 16ths of Inches, Left Hand Caliper Graduated in 16ths of Inches, 1 in. Wide **8.90**

Weight Per Dozen About 1¼ Pounds.

One-half Dozen in a Box



One Foot, Four Fold with Left Hand Graduated Caliper.

Per Dozen

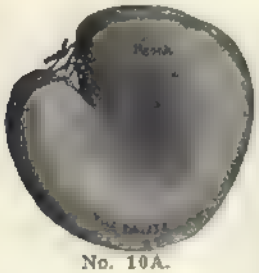
No. 2—Square Joint, Full Bound, Marked 8ths and 16ths of Inches, Caliper Graduated in 16ths of Inches, 1 in. Wide **$10 90**

Weight Per Dozen About 1¾ Pounds

One-half Dozen in a Box.

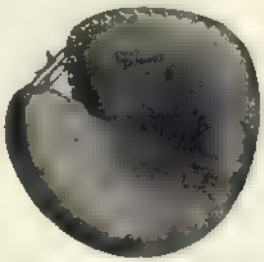
Catchers' Mitts.

REACH



No. 10A.

Illustration Shows New Hold Fast Feature as Applied to No. 10A Mitt

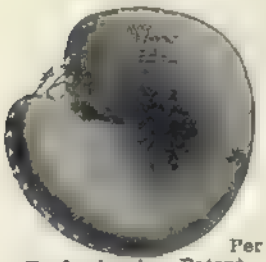


No. 8A.

Per Dozen

No. 10A—The Brute, Extra Strong and Hand Made, Patent Laced, Specially Tanned Highest Grade Calfskin, Hand Sewed Throughout, One Piece Face, Moulded Pocket, Special Patented Hand Formed Asbestos Felt Pad, Laced Thumb, Deep Pocket, Edge and Back Stiffened to Prevent Injury to the Fingers, Reinforced Fingers, **Patented Hold Fast Feature** **$186.70**

No. 8A—Professional, Patent Laced, Finest Quality Brown "Reaco" Calfskin, One Piece Face, Moulded Pocket, **King Patent Adjustable Padding,** an Important Feature, Being Absolutely Secure Against Breaking or Shifting, Patent Laced Thumb, Deep Pocket, Edge and Back Stiffened to Prevent Injury to the Fingers, Reinforced Fingers, Strap and Buckle at Wrist..... **$166 70**



Per Dozen

No. 9A—Professional, Patent Laced, Finest Quality Brown "Reaco" Calfskin, One Piece Face, **Patent Perforated Pocket,** which Does Away with the Rebound of the Ball, as it Eliminates the Air Cushion. Special Patented Hand Formed Asbestos Felt Pad, Laced Thumb, Deep Pocket, Edge and Back Stiffened to Prevent Injury to the Fingers, Reinforced Fingers, Strap and Buckle at Wrist..... **$146.70**

Per Dozen

No. 7A—Professional, Patent Laced, Finest Quality Black "Reaco" Calfskin, One Piece Face, Moulded Pocket, Special Patented Hand Formed Asbestos Felt Pad, Laced Thumb, Deep Pocket, Edge and Back Stiffened to Prevent Injury to the Fingers, Reinforced Fingers, Strap and Buckle at Wrist..... **$146.70**

Per Dozen

No. 6A—Professional, Patent Laced, Finest Quality Brown "Reaco" Calfskin, One Piece Face, Moulded Pocket, Special Patented Hand Formed Asbestos Felt Pad, Laced Thumb, Deep Pocket, Edge and Back Stiffened to Prevent Injury to the Fingers, Reinforced Fingers, Strap and Buckle at Wrist..... **$146.70**

No. 8—Same Description as No. 6A, Slightly Larger.. **153 35**

Per Dozen

No. 5A—Special, Large Professional Model, Patent Laced, Finest Specially Tanned "Reaco" Buckskin Face, Finest Brown "Reaco" Calfskin Back, Strip and Fingers. Olive Binding. Special Hand Formed Asbestos Felt Pad, Laced Thumb, Deep Pocket. Double Stiffening on Edge and Back to Protect the Fingers, Special Reinforced Back and Hand Protector, All Parts Double Stitched. Strap and Buckle at Wrist **$126.70**

Per Dozen

No. 4C—Special, Large Professional Model, Patent Laced, Finest Brown "Reaco" Calfskin Olive Binding Special Hand Formed Asbestos Felt Pad, Laced Thumb, Deep Pocket, Double Stiffening on Edge and Back to Protect the Fingers, Special Reinforced Back and Hand Protector. All Parts Double Stitched. Patent Hold Fast Feature. (See Cut No 10A) . . **$126.70**

No. P—Professional, as No. 4C, but Slightly Smaller Model **126.70**

One-twelfth Dozen in a Box.

Per Dozen

No. 3A—Special, Patent Laced, Finest Pearl Colored "Reaco" Calfskin. Ox Blood Binding Special Hand Formed Asbestos Felt Pad, Laced Thumb, Deep Pocket, Double Stiffening on Edge and Back to Protect the Fingers, Special Reinforced Back and Hand Protector, All Parts Double Stitched, Strap and Buckle at Wrist **$126.70**

NOTE—We Carry in Stock the Following Numbers in Right Hand: No. 5A.

Catchers' Mitts.

REACH

Per Dozen

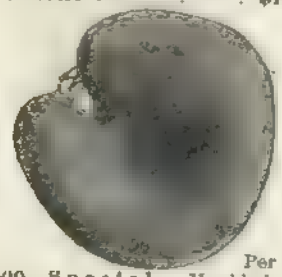
No. 2A—Special, Professional Model, Patent Laced, Finest Brown "Reaco" Calfskin Back and Face, Olive "Reaco" Calfskin Strip and Fingers, Olive Welt, Brown Binding, Best Asbestos Felt Hand Formed and Sewed Pad, Laced Thumb, Deep Pocket, Double Stiffening on Edge and Back to Protect Fingers, Special Reinforced Back and Hand Protector, All Parts Double Stitched, Strap and Buckle at Wrist $106 70

Per Dozen

No. 2B—Special, Professional Model, Patent Laced, Finest Black "Reaco" Calfskin Face, Back and Fingers, Brown "Reaco" Calf skin Strip, Brown Welt, Red Binding, Best Asbestos Felt Hand Formed and Sewed Pad, Laced Thumb Deep Pocket, Double Stiffening on Edge and Back to Protect Fingers, Special Reinforced Back and Hand Protector. All Parts Double Stitched, Strap and Buckle at Wrist.....$111.15

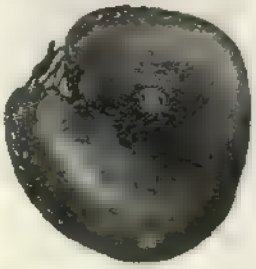
Per Dozen

No. AS—Moulded Style, Patent Laced. Finest Pearl Colored "Reaco" Calfskin Face and Back, Olive Calfskin Strip and Fingers, Best Asbestos Felt Hand Formed and Sewed Pad, Laced Thumb, Deep Pocket, Double Stiffening on Edge and Back to Protect Fingers, Special Reinforced Back and Hand Protector, All Parts Double Stitched, Strap and Buckle at Wrist. . . $93 25



Per Dozen

No. 300—Special, Moulded Style, Brown Calfskin, White Leather Welt and Binding, Best Asbestos Felt Hand Formed and Sewed Pad, Laced Thumb, Deep Pocket, Double Stiffening on Edge and Back to Protect Fingers, Special Reinforced Back and Hand Protector, All Parts Double Stitched, Strap and Buckle at Wrist $93 25

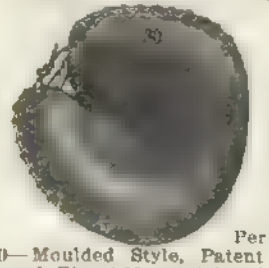


Per Dozen

No. 32—Special, Moulded Style, Patent Laced, Finest Olive "Reaco" Calfskin, Brown Binding, Best Asbestos Felt Hand Formed and Sewed Pad, Laced Thumb, Deep Pocket, Double Stiffening on Edge and Back to Protect the Fingers, Special Reinforced Back and Hand Protector, All Parts Double Stitched, Strap and Buckle at Wrist $93 25

Per Dozen

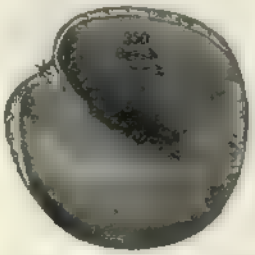
No. 41—Special, Moulded Style, Dark Brown Calfskin Face and Fingers, Black "Reaco" Leather Strip and Back, Black Leather Welt and Binding, Best Asbestos Felt Hand Formed and Sewed Pad, Laced Thumb, Deep Pocket, Double Stiffening on Edge and Back to Protect Fingers, Special Reinforced Back and Hand Protector, All Parts Double Stitched, Strap and Buckle at Wrist $73 30



Per Dozen

No. 30—Moulded Style, Patent Laced, Finest Mouse Colored "Reaco" Leather, Ox Blood Binding, Best Asbestos Felt Hand Formed and Sewed Pad, Laced Thumb, Deep Pocket, Double Stiffening on Edge and Back to Protect Fingers, Special Reinforced Back and Hand Protector All Parts Double Stitched Strap and Buckle at Wrist $73 30

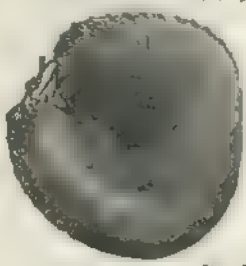
No. 30N Half Laced, Moulded Style, Finest Black "Reaco" Leather, Ox Blood Binding Otherwise Same as No 30 73 30



Per Dozen

No. 350—Patent Laced, Light Color Brown Calfskin, Pearl Colored Calf Strip, Olive Welt and Binding, Brown "Reaco" Leather Back, Well Padded, Made Extra Strong, Laced Thumb, Inside Hump, Deep Pocket, Strap and Buckle at Wrist.$60.00

One-twelfth Dozen in a Box



Per Dozen

No. 31—Moulded Style, Patent Laced, Brown Tan Leather, Ox Blood Binding, Special Pad, Well Padded, Made Extra Strong, Laced Thumb, Inside Hump, Deep Pocket, Strap and Buckle at Wrist.$60.00

NOTE We Carry In Stock the Following Number in Right Hand No 32.

Catchers' Mitts.

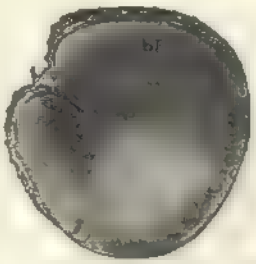
REACH

Per Dozen

No. BX—Patent Laced, Brown Calfskin Face and Fingers, Black "Reaco" Leather Strip and Back, Patent Sole Leather Finger Protector, Olive Welt, Brown Binding, Well Padded, Made Extra Strong, Laced Thumb, Inside Hump, Deep Pocket, Strap and Buckle at Wrist **$64.00**

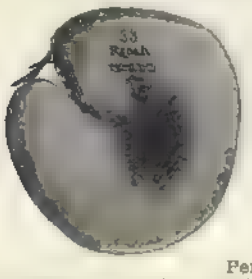
Per Dozen

No. BN—Patent Laced, Finest Black Calfskin Face and Fingers, Brown Calfskin Strip, Black "Reaco" Leather Back, Brown Binding, Well Padded, Made Extra Strong, Laced Thumb, Inside Hump, Deep Pocket, Strap and Buckle at Wrist. **$53.30**



Per Dozen

No. BP—Patent Laced, Olive Calfskin Face and Fingers, Black Calfskin Strip, Black "Reaco" Leather Back, Olive Welt, Red Binding, Well Padded, Made Extra Strong, Laced Thumb, Inside Hump, Deep Pocket, Strap and Buckle at Wrist. **$53.30**



Per Dozen

No. 33—Patent Laced Pearl Calfskin, with Brown Leather Back, Brown Welt, Olive Binding Well Padded, Made Extra Strong Laced Thumb, Inside Hump Deep Pocket, Strap and Buckle at Wrist **$53 30**

Per Dozen

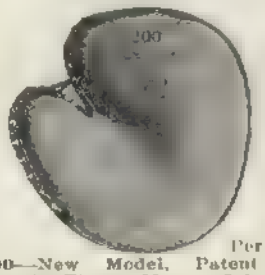
No. DD—New Model, Patent Laced, Finest Drab Suede Calfskin Face and Fingers, Brown Tan Leather Back and Strip, Sole Leather Finger Protector, Well Padded, Made Extra Strong, Laced Thumb, Deep Pocket, Strap and Buckle at Wrist..... **$46 65**

Per Dozen

No. DN—New Model, Patent Laced, Fine Black Calfskin Face and Fingers, Black Tan Leather Back and Strip, Sole Leather Finger Protector, Well Padded, Made Extra Strong, Laced Thumb, Deep Pocket, Strap and Buckle at Wrist..... **$46.65**

Per Dozen

No. 250—New Model, Patent Laced, Brown "Reaco" Leather Face and Fingers, Olive Tan Leather Back and Strip, Red Welt and Binding, Well Padded, Made Extra Strong, Laced Thumb, Deep Pocket, Strap and Buckle at Wrist..... **$44 50**



Per Dozen

No. 200—New Model, Patent Laced, Finest Mouse Colored Calfskin Face and Fingers, Buckskin Finish, Fine Craven Tan Leather Back and Strip, Brown Binding Well Padded, Made Extra Strong, Laced Thumb, Deep Pocket, Strap and Buckle at Wrist **$36.65**

Per Dozen

No. 220—New Model, Patent Laced, Ecru Leather, Black Tan Leather Strip, Cherry Red Welt and Binding, Well Padded, Made Extra Strong, Laced Thumb, Deep Pocket, Strap and Buckle at Wrist . **$35 00**

Per Dozen

No. 20N—New Model, Patent Laced, Fine Black Calfskin Face and Back, Olive Tan Leather Strip and Fingers, White Welt and Binding, Well Padded, Made Extra Strong, Laced Thumb, Deep Pocket, Strap and Buckle at Wrist **$36.65**

Per Dozen

No. 150N—New Model, Patent Laced, Finest Black "Reaco" Leather Face Fingers and Back, Craven Tan Leather Strip Wine Binding, Well Padded, Made Extra Strong, Laced Thumb, Deep Pocket, Strap and Buckle at Wrist **$26 65**

One-twelfth Dozen in a Box.

NOTE—We Carry in Stock the Following Numbers in Right Hand: Nos. BX, BP, DD and 150N.

Catchers' Mitts.

REACH

Per Dozen

No. 150—Thin Model, Patent Laced, Pearl Colored Leather, with Craven Tan Leather Back, Welted and Leather Laced, Brown Strip, Laced Thumb, Deep Pocket, Strap and Buckle at Wrist.....**$26.65**
One-twelfth Dozen in a Box.

Per Dozen

No. 160—Thin Model, Patent Laced, Olive Tan Leather with Black Tan Leather Strip, Leather Laced, Wine Binding, Laced Thumb, Deep Pocket, Strap and Buckle at Wrist.....**$25.35**
One-twelfth Dozen in a Box.

Per Dozen

No. 125—Thin Model, Patent Laced, Brown Tan Leather, Reinforced Face, Deep Pocket, Laced Thumb, Strap and Buckle at Wrist.....**$22.25**
One-twelfth Dozen in a Box

Per Dozen

No. FP—Thin Model, Patent Laced, Brown Tan Leather, with Olive Leather Strip, Deep Pocket, Laced Thumb, Strap and Buckle at Wrist **$17 80**
One-twelfth Dozen in a Box

Per Dozen

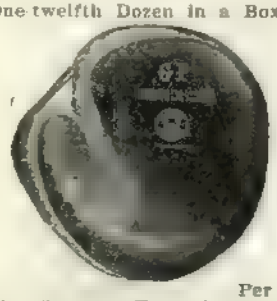
No. FPN—Thin Model, Patent Laced, Olive Tan Leather, with Brown Leather Strip, Deep Pocket, Laced Thumb, Strap and Buckle at Wrist **$17.80**
One-twelfth Dozen in a Box

Per Dozen

No. 100—Bound Edge, Fine Black Tan Leather, Brown Leather Strap, Deep Pocket, Laced Thumb **$13 35**
One-quarter Dozen in a Box

Per Dozen

No. 75—Laced, Fine Brown Tan Leather, Ox Blood Strip, Laced Thumb, Deep Pocket.**$13 90**
One-quarter Dozen in a Box



Per Dozen

No GP—Craven Tan Leather Face and Fingers, Black Tan Leather Back, Olive Strip, Laced Thumb, Deep Pocket **$9 35**
One-quarter Dozen in a Box.

Per Dozen

No. 65—Brown Tan Leather Face, Fingers and Back, Ox Blood Strip, Laced Thumb, Deep Pocket **$8.90**
One-quarter Dozen in a Box

Per Dozen

No. 66—Brown Leather Face and Fingers, Perspiration Proof Back, Laced Thumb, Deep Pocket... **$8 90**
One-quarter Dozen in a Box.

Per Dozen

No. M Craven Tan Leather Face and Fingers, Perspiration Proof Back, Ox Blood Strip, Laced Thumb, Deep Pocket.....**$4.50**
One-half Dozen in a Box.

NOTE—We Carry in Stock the Following Numbers in Right Hand Nos. 150, 125, FP, M, 100 and 65.

Levels.

Cherry Wood, Stained, Nickel Plated Top Plate, Two Side Views.

Per Dozen

No. 150—Length 12 in..... $2 50
Weight Per Dozen About 6 Pounds
One-half Dozen in a Box.

Well Seasoned Hardwood, Special Finish, Arch Top Plate, Polished, Two Side Views, NOT Adjustable.

Per Dozen

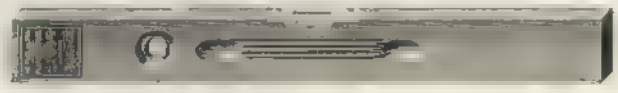
No. 1—Assorted 10 to 15 in., Weight Per Dozen About 30 Lbs. $6 00
No. 3—Assorted 18 to 24 in., Weight Per Dozen About 32 Lbs. 8 70
One-half Dozen Assorted in a Box.

Plumb and Levels.

Well Seasoned Hardwood, Special Finish, Arch Top Plate, Two Side Views, NOT Adjustable.

Per Dozen

No. 9—Assorted 24 to 30 in..... $13 10
Weight Per Dozen About 36 Pounds
One-half Dozen Assorted in a Box.



No. 15.
Well Seasoned Hardwood, Special Finish Arch Top Plate, Two Side Views, Polished, ADJUSTABLE.

Per Dozen

No. 90D—Assorted 24 to 30 in., Weight Per Dozen About 36 Lbs..... $16.10
No. 15—With Brass Lipped Side Views, Assorted 26 to 30 in., Weight Per Dozen 36 Lbs..... 18.90
One-half Dozen in a Box

Well Seasoned Hardwood, Special Finish, Arch Top Plates, Two Side Views, Solid Brass Ends, Polished, ADJUSTABLE.

Per Dozen

No. 16—Assorted 26 to 30 in..... $21.10
Weight Per Dozen About 38 Pounds
One-half Dozen Assorted in a Box.

No. 22.
Arch Top Plate, Two Brass Lipped Side Views, Solid Brass Ends, Polished, Adjustable.

Per Dozen

No. 17—Well Seasoned Hardwood, Special Finish, Assorted 26 to 30 in., Weight Per Dozen About 36 Lbs $23 55
No. 22—Triple Stock, Assorted 26 to 30 in., Weight Per Dozen About 38 Lbs..... 20 65
One-half Dozen Assorted in a Box

Solid Cherry Stock, Natural Finish, Brass Top Plate, Two Brass Lipped Side Views, Two Brass Lipped Plumb Views, Solid Brass Ends, Proved Glasses, Level Adjustable, Plumb Not Adjustable.

Per Dozen

No. 27—Assorted 12 to 18 in..... $19.45
Weight Per Dozen About 30 Pounds.
One-half Dozen Assorted in a Box.

Mahogany, Full Brass Bound, Brass Top Plate, Two Brass Lipped Side Views, Solid Brass Ends, Adjustable.

Per Dozen

No. 55—Assorted 24 to 36 in..... $68 40
Weight Per Dozen About 50 Pounds
One-twelfth Dozen in a Box

No. 80—Mahogany, Well Seasoned, Natural Finish, Full Brass Bound, Brass Top Plate, Two Side Views, Solid Brass Ends, Polished, All Lengths 1 in Thick and 2 in. Wide, Not Adjustable.

Length, Inches	12	18	24
Ap. Wt. Per Dozen, Lbs.	32	36	40
Per Dozen	$30.00	36 00	41.10

One-twelfth Dozen in a Box

No. 85—Cherry, Well Seasoned, Natural Finish, Full Brass Bound, Brass Top Plate, Two Side Views, Solid Brass Ends, Polished, All Lengths, 1 in. Thick and 2 in. Wide, Not Adjustable

Length, Inches	12	18	24
Ap Wt. Per Dozen, Lbs.	38	40	44
Per Dozen	$24 00	27 80	31 70

One-twelfth Dozen in a Box

Solid Cherry Stock, Stained, Arch Top Plate, Two Side Views, DOUBLE PLUMB, Polished, NOT Adjustable.

Per Dozen

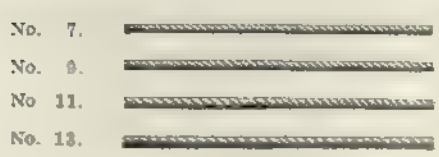
No. 9DP—Assorted 24 to 30 in..... $16.85
Weight Per Dozen About 38 Pounds.
One-half Dozen Assorted in a Box.

Solid Cherry Stock, Stained Arch Top Plate, Two Side Views, Solid Brass Ends, Polished, DOUBLE PLUMB, Adjustable.

Per Dozen

No. 16DP Assorted 26 to 30 in $27.60
Weight Per Dozen About 40 Pounds.
One-half Dozen Assorted in a Box

Chalk Lines.

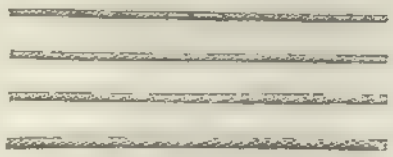


Twisted Cotton.

In 20 ft. Hanks, 12 Hanks Connected.

Nos.	7	9	11	13
Ap. Weight Per Gross, Lbs.	3½	4	4½	5
Per Gross	$3.80	3.15	3.90	5.15

One-half Gross in a Box.



Silver Lake, Braided Cotton.

In 20 ft. Hanks, 12 Connected.

Nos.	0	1	2	3
Ap. Wt Per Gross, Lbs	2	3	3½	4
Per Gross	$10 80	11 60	12.50	13.35

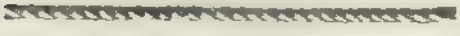
One-half Gross in a Box.

Twisted Cotton.

	Per Gross
No. 130— 50 ft. Balls, Weight Per Gross About 11 Lbs.	$ 9 45
No. 230—100 ft. Balls, Weight Per Gross About 19 Lbs.	18 90

One-twelfth Gross in a Box.

Masons' Lines.



Twisted Cotton.

In 100 ft. Hanks

	Per Dozen
No. 211—White, Weight Per Dozen About 2 Lbs.	$1.80
No. 211—Yellow, Hard Twist, Weight Per Dozen About 2 Lbs.	1.80

One Dozen in a Box.

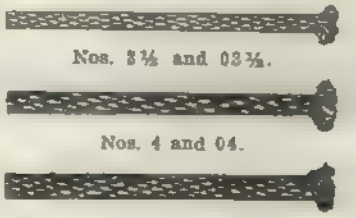
Silver Lake, Braided Cotton.

In 100 ft. Hanks.

	Per Dozen
No. 02—Weight Per Dozen About 2¼ Lbs	$5 20
No. 03—Weight Per Dozen About 2½ Lbs.	5.60

One Dozen in a Box.

Small Braided Lines.



Nos. 3½ and 03½.

Nos. 4 and 04.

Nos. 4½ and 04½.

White Cotton, Unbleached.

In 48 ft. Hanks, Several Connected.

Nos.	3½	4	4½
Ap. Weight Per Dozen, Lbs.	¾	1	1¼
Per Dozen	$2 85	3 80	4.75

One Dozen in a Box.

Linen.

In 48 ft. Hanks, Several Connected.

Nos.	03½	04	04½
Ap. Weight Per Dozen, Lbs.	¾	1	1¼
Per Dozen	$6.10	8.25	11 35

One Dozen in a Box.

Carpenters' Chalk.

Prepared.

	Per Gross
White—Oval Shape.	$1 12
Red—Oval Shape	1.35
Blue—Oval Shape	1.35

Weight Per Gross About 16 Pounds

One-half Gross in a Box.

School Cravons.

	Per Gross
White School Crayon—Weight Per Gross About 2½ Lbs.	$0.28

One Gross in a Box.

Railroad Crayons.

Enameled Hardened Surface, 4x1 in. Sticks.

	Per Gross
No. 10—White	$1.12
No. 15—Red	1.50
No. 20—Blue	1.50

Weight Per Gross About 12½ Pounds

One Gross in a Box.

Lump Chalk.

	Per Pound
White Chalk—In Lumps, About 300 Lbs. in a Barrel	$0.03½

Plumbs and Levels.

No 104.
Hardwood, Square Top Plates, NOT Adjustable.

Per Dozen
No. 104— Assorted 12 to 18 in. .$8 90

Weight Per Dozen About 15 Pounds.
One Dozen in a Box.

No. 104½.
Hardwood Square Top Plate, Brass Tips and Polished, NOT Adjustable.

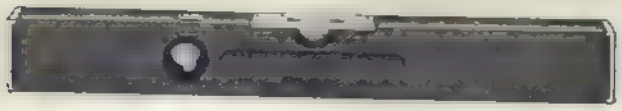
Per Dozen
No. 104½— Assorted 12 to 18 in. $12.80

Weight Per Dozen About 18 Pounds
One Dozen in a Box

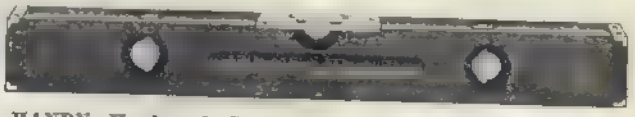
No. 20.
HANDY, Hardwood Square Top Plate, Polished, NOT Adjustable.

Per Dozen
No. 20— Assorted 24 to 30 in $13 65

Weight Per Dozen About 40 Pounds
One-half Dozen in a Box



No 016.
HANDY, Hardwood Square Top Plate, Adjustable Proved Glasses. Per Dozen
No. 11X Assorted 24 to 30 in., Weight Per Dozen About 35 Lbs. $16 25
No. 016—**With Brass Tips,** Assorted 24 to 30 in., Weight Per Dozen About 44 Lbs..... 21.55
One-half Dozen Assorted in a Box.



HANDY, Hardwood, Square Top Plate, Brass Tipped, TWO PLUMBS, Adjustable Proved Glasses. Per Dozen
No. 18—Assorted 24 to 30 in.....$28.80
Weight Per Dozen About 39 Pounds
One-twelfth Dozen in a Box.

HANDY, Rosewood, Square Top Plate, Brass Tips, Brass Lips, TWO PLUMBS, Adjustable, Proved Glasses.

Per Dozen
No. 111 Assorted 24 to 30 in $57 20
Weight Per Dozen About 54 Pounds
One-twelfth Dozen in a Box

HANDY, Mahogany, Polished, Brass Bound, Square Top Plate, Solid Brass Ends, Adjustable, Proved Glasses.

Per Dozen
No. 93—Assorted 24 to 30 in $59.40
Weight Per Dozen About 38 Pounds.
One-twelfth Dozen in a Box

HANDY, Mahogany, Polished, Square Top Plate, Brass Tipped, Brass Lips, Adjustable, Ground Glasses. Per Dozen
No. 90— Assorted 24 to 30 in $50 60
Weight Per Dozen About 41 Pounds.
One-twelfth Dozen in a Box.

No. 1198—Handy, Mahogany, Polished, Brass Bound, Square Top Plate, Solid Brass Ends, Two Plumbs, Adjustable, Proved Glasses

Length, Inches	18	24	26	28	30
Ap. Wt. Each, Lbs	1½	2	2⅛	2¼	2⅜
Per Dozen.	$47 20	55 60	58.30	61 10	63 25

One in a Box.

HANDY, Mahogany, Polished, Brass Bound, Square Top Plate, Solid Brass Ends, Brass Lips, Adjustable, Ground Glasses.

Per Dozen
No. 95— Assorted 24 to 30 in $73 25
Weight Per Dozen About 39 Pounds.
One-twelfth Dozen in a Box.

HANDY, Rosewood (3 Piece), Polished, Brass Bound, Square Top Plate, Solid Brass Ends, Brass Lips, Adjustable, Ground Glasses. Per Dozen
No. 96—Assorted 24 to 30 in..... $103 25
Weight Per Dozen About 54 Pounds.
One-twelfth Dozen in a Box

STANLEY'S DUPLEX ADJUSTABLE

No. 25.
Mahogany, Square Top Plate, Brass Tips, Brass Lips, Improved Duplex Side Views. Per Dozen
No. 25— Assorted 24 to 30 in., Weight Per Dozen About 44 Lbs. $30 10
One-half Dozen in a Box

No. 30.
Hardwood, Square Top Plate, Brass Tips, Improved, Improved Duplex Side Views. Per Dozen
No. 30 Assorted 24 to 30 in., Weight Per Dozen About 48 Lbs. $27 20
One-half Dozen in a Box

Hardwood, Triple Stock, Square Top Plate, Brass Tips, Brass Lips, Improved Duplex Side Views. Per Dozen
No. 50—Assorted 24 to 30 in., Weight Per Dozen About 48 Lbs. $32 75
One-half Dozen in a Box

Stanley's Duplex Levels can be read conveniently, even if held at arm's length above the head. They have three glasses. A level glass set in the top in the usual way, a plumb glass and a second level glass set in the side. These latter two glasses are set close to one surface of the stock so that the angle of vision of the bubble is greatly increased. The second level glass can be readily reversed to form a second plumb, if desired.

Plumbs and Levels.

MACHINISTS' ADJUSTABLE

STANLEY'S

No. 98—Rosewood, Polished, Brass Bound, Square Top Plate, Solid Brass Tips Brass Lips, Adjustable Ground Glasses.

Length, Inches	12
Ap Weight Per Dozen, Lbs	26
Per Dozen	$50.00

One-twelfth Dozen in a Box.

STRATTON'S

No. 10—Rosewood, Thoroughly Seasoned and Polished, Brass Board, Square Top Plate, Solid Brass Tips Brass Side Views, Adjustable Ground Glasses

Length, Inches	8	10	12
Weight Each, Lbs	¾	⅞	1⅛
Each	$3.35	4.00	4.50

One in a Box

STRATTON'S CARPENTERS' AND MACHINISTS'

No. 1A—Stock, Four Pieces Selected Rosewood Around Solid Mahogany Core. Thoroughly Seasoned, Full Brass Bound, Square Top Plate, Ornamental Brass Lipped Side View, Brass End Plates, Adjustable, Ground Glasses.

Length, Inches	24	26	28	30
Weight Each Lbs	3½	3¾	4	4¼
Each	$11.65	12.25	12.80	13.35

One in a Box

No. 1B—Solid Mahogany Thoroughly Seasoned, Full Brass Bound Square Top Plate Ornamental Brass Lipped Side Views, Brass End Plates, Double Plumb, Adjustable, Selected Plain Glasses

Length, Inches	24	26	28	30
Weight Each, Lbs	2¾	3	3⅛	3½
Each	$8.15	8.33	8.60	9.00

One in a Box.

No. 1D—Solid Mahogany, Thoroughly Seasoned, Full Brass Bound Square Top Plate, Brass End Plates, Low Cut Side Views, Adjustable Selected Plain Glasses

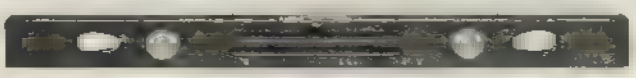
Length, Inches	26	28	30
Weight Each, Lbs	3	3⅛	3½
Each	$6.00	6.25	6 45

One in a Box.

Masons' Plumbs and Levels.

STANLEY'S

No. 35.



No. 45½.

Soft Wood, Square Top Plate, Adjustable Proved Level Glasses. Per Dozen

No. 35—42 in. Long, 1⅝x2⅝ in. Stock, with One Non-Adjustable Plumb and One Opening for use of Plumb Bob and Line, Weight Per Dozen 64 Lbs $20 65

No. 45½—48 in. Long, 1⅞x3⅝ in. Stock, with Two Adjustable Plumbs and Two Openings, for use of Plumb Bob and Line, Weight Per Dozen About 60 Lbs..... 44 50

No. 45—48 in Long, 1⅝x4⅛ in. Stock, with Brass Lips, Two Adjustable Plumbs and Two Openings, for use of Plumb Bob and Line, Weight Per Dozen About 80 Lbs..... 48 30

One-half Dozen in a Box.

DISSTON'S

Well Seasoned Stock, Polished, Double Construction, Two Grips, Four Proved Plumb Glasses, Two Proved Level Glasses.

No 101.

Adjustable. Per Dozen

No. 101—48 in. Long, 1⅞ in. Stock, Weight Per Dozen About 84 Lbs..... $57.75

This Level being of double construction, no matter how it may be picked up, is always in position for use, while the duplicate plumb glasses, one at top and the other just below the center both reading the same, add to its convenience. For low work the upper glass is read, and for overhead work the lower glass is in range

One-twelfth Dozen in a Box.

Tool Boxes.

Stained Case with Handle on Top, Box Hinges, Trunk Clasp and Lock.

Each

No. E10—Outside Dimensions 22x7½x8 in., Complete with Tools, Every Tool Warranted.....$15.60

CONTENTS: 18 TOOLS AS FOLLOWS

1 No. E25 18 in. Saw.
1 No. E10 10 in. Brace.
2 No. 6030 ⅛ and ¼ in. Gimlet Bit.
1 ¼ in. Auger Bit.
1 ⅛ in. Auger Bit
1 No E510 4 in. Screw Driver
1 No. 61 Rule.
1 ½ in. B. E. Leather Capped Socket Firmer Chisel.
1 No. E1½ Nail Hammer.
1 Nail Set
1 No 20 6 in. Try Square
1 No. 5 Tool Holder with 10 Tools

The Edge Tools are held in place in lid so as not to damage other tools. The Tool Box is easy portable.

Weight Each About 20 Pounds

Tool Cabinets.

Thoroughly Well Seasoned and Well Finished Cabinet.

No. E20—Outside Dimensions 22x14x5½ in., Complete with Tools, Every Tool Warranted.....Each $20.50

CONTENTS: 21 TOOLS AS FOLLOWS

1 No. E25 18 in. Saw.
1 No. E1½ Nail Hammer.
1 No. E102 Block Plane
1 No. E50 5 in. Plyer
1 No. E3000 6 in. Plyer.
1 ⅛ in. B. E. Leather Capped Socket Firmer Chisel.
1 ¾ in. B. E. Leather Capped Socket Firmer Chisel.
1 No 5 Tool Holder with Tools.
1 No. E10 10 in. Brace.
1 ¼ in. Auger Bit.
1 ½ in. Auger Bit.
1 ⅝ in. Auger Bit.
1 No. 6030 Gimlet Bit.
1 No. E315 Rose Countersink Bit
1 No. E510 4 in. Screw Driver
1 No. 68 Rule.
1 No. 2 Emery Oil Stone
1 Oil Can
1 No. 20 6 in. Try Square.
1 Nail Set.
1 Screw Driver Bit.

Weight Each About 15 Pounds.
One in a Crate.

Tool Cabinets.

Made of Chestnut, Thoroughly Seasoned, Paneled and Nicely Finished.

Each

No. E3—Outside Dimensions 28⅞x24⅞x8⅞ in., Complete with Tools, Every Tool Warranted $40 00

CONTENTS: 46 TOOLS AS FOLLOWS

1 No. E10 10 in. Brace.
1 No. E25 20 in. Panel Saw
1 No E25 20 in. Rip Saw.
1 ¼ in. Leather Capped B. E. Sock. Firm Chisel.
1 ½ in. Leather Capped B. E. Sock. Firm. Chisel
1 ¾ in. Leather Capped B. E. Sock Firm Chisel.
3 German Gimlet Bits.
1 Screw Driver Bit.
1 No E510 4 in. Screw Driver.
1 No. E510 6 in. Screw Driver.
1 ¼ in. Auger Bit. 1 ½ in. Auger Bit.
1 ⅞ in. Auger Bit. 1 ⅝ in. Auger Bit.
1 ⅝ in. Auger Bit. 1 ¾ in. Auger Bit.
1 ⅞ in. Auger Bit.
1 No E315 Rose Countersink Bit.
1 Square Reamer Bit. 1 No. 31 3 in Pocket Level.
1 No. E3 12 in. Compass Saw.
1 No. 02 3x6 in. Cabinet Scraper.
1 E66 Hack Saw Frame and Blade.
1 Coping Saw.
1 No. E1½ Nail Hammer.
1 No. 25 Tack Hammer
1 No. E1 Shingling Hatchet.
1 No. 5 Tool Holder with 10 Tools.
1 No. 20 6 in. Try Square.
1 Nail Set
1 No. E110 Plane
1 No. E26 Plane.
1 Oiler.
1 Small Can Glue.
1 No. 62 Marking Gauge.
1 No 61 Rule.
1 Pair 7 in. Wing Dividers.
1 8 in. Drawing Knife
1 No. E3000 6 in. Plyer.
1 No. E50 4 in. Plyer.
1 No. E50 6 in. Plyer.
1 7 in. Mill Bastard File.
1 5 in. Slim Taper File.
1 No. 2 Emery Oil Stone.

Weight Each About 43 Pounds
One in a Crate.

Tool Boxes.

Stained Case, with Handle on Top, Box Hinge, Trunk Clasps and Lock. Each

No. 1005—Outside Dimensions 22x7½x8 in., Complete with Tools, Every Tool Warranted.....$11.10

CONTENTS: 13 TOOLS AS FOLLOWS

1 No. 80 16 in. Saw.
1 No 210 Brace.
2 Gimlet Bits.
1 ¼ in. Common Auger Bit
1 ½ in Common Auger Bit.
1 No 5 4 in Screw Driver.
1 No. 61 Rule.
1 No 1½ Standard Nail Hammer
1 No. 1 ½ in. Socket Firmer Chisel
1 Nail Set
1 No. 20 6 in. Try Square.
1 No. 5 Tool Holder with 10 Tools.

Easy portable. Edge tools held in place in lid so as not to damage other goods.

Weight Each About 18 Pounds.
Four in a Crate

Tool Cabinets.

Thoroughly Seasoned and Well Finished Cabinet. Each

No. 99—Outside Dimensions 22x14x5½ in., Complete with Tools, Every Tool Warranted.....$12.10

CONTENTS: 14 TOOLS AS FOLLOWS

1 No. 80 16 in. Saw.
1 No. 1½ Standard Nail Hammer.
1 No. 210 Brace.
1 No. 5 4 in. Screw Driver.
1 No. 102 Block Plane.
1 ¼ in. Common Auger Bit.
1 ½ in. Common Auger Bit.
1 German Gimlet Bit.
1 Pr. No. 85 5 in. Pliers
1 No. 1 ½ in. Socket Firmer Chisel
1 No. 68 Rule
1 Brad Awl.
1 Nail Set
1 No. 20 6 in. Try Square.

Weight Each Set About 14 Pounds.
One in a Crate.

Tool Cabinets.

Thoroughly Seasoned and Well Finished Cabinet. Each

No. 90½—Outside Dimensions 22x14x5½ in., Complete with Tools, Every Tool Warranted...$16.00

CONTENTS: 21 TOOLS AS FOLLOWS

1 No. 80 16 in. Saw.
1 No 1½ Standard Nail Hammer.
1 No. 102 Block Plane.
1 Pr No. 1399 Gas Pliers.
1 Pr. No. 85 5 in. Pliers.
1 No. 1 ¼ in. Socket Firmer Chisel
1 No 1 ¾ in. Socket Firmer Chisel
1 No 5 Tool Holder with 10 Tools.
1 No 210 Brace
1 ¼ in. Common Auger Bit.
1 ½ in. Common Auger Bit
1 ¾ in. Common Auger Bit
1 German Gimlet Bit
1 Rose Countersink Bit
1 No. 5 4 in. Screw Driver.
1 No 68 Rule
1 Deerlick Oilstone.
1 Oil Can
1 No 20 6 in. Try Square
1 Nail Set.
1 Screw Driver Bit

Weight Each About 15 Pounds
One in a Crate

Made of Chestnut, Paneled and Nicely Finished. Each

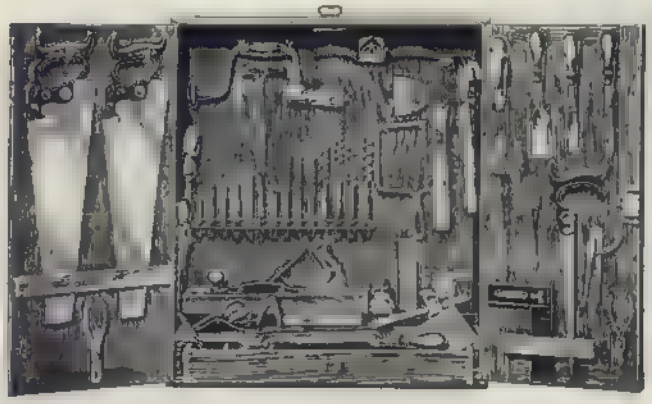
No. 101—Outside Dimensions 26⅜x19⅜x8⅞ in., Complete with Tools, Every Tool Warranted....$32 00

CONTENTS: 36 TOOLS AS FOLLOWS

1 No 60 18 in. Saw.
1 No. 828 Brace
3 German Gimlet Bits.
1 ¼ in. Climax Auger Bit.
1 ½ in. Climax Auger Bit.
1 ¾ in. Climax Auger Bit.
1 ¼ in. Socket Firmer Chisel
1 ½ in. Socket Firmer Chisel.
1 ¾ in. Socket Firmer Chisel
1 No. 7 4 in Screw Driver.
1 No. 7 6 in Screw Driver.
1 No. 30 8 in Hack Saw.
1 No. 31 3 in Pocket Level.
1 Rose Countersink Bit.
1 No. 6 Cabinet Scraper.
1 No. 1½ Standard Hammer.
1 No. 25 Tack Hammer
1 No. 5 Tool Holder with 10 Tools
1 8 in. Drawing Knife
1 No E26 Plane
1 No. E102 Plane
1 No. 61 Rule
1 No. 20 6 in. Try Square.
1 No. 62 Marking Gauge
1 Nail Set.
1 Pr. 7 in. Wing Dividers
1 Pr. No. 1300 Gas Pliers
1 Pr. No. 30 5 in. Pliers
1 Pr. No. 95 5 in Pliers.
1 Taper File
1 Deerlick Oil Stone
1 Oil Can
1 Small Can Glue
1 No. 100 Coping Saw.

Weight Each About 35 Pounds
One in a Crate

Tool Cabinets.



Made of Chestnut, Thoroughly Seasoned, Paneled and Nicely Finished.

Each

No. 102—Outside Dimensions 28⅞x24⅞x3⅛ in. Complete with Tools, Every Tool Warranted.... **$44 50**

CONTENTS: 46 TOOLS AS FOLLOWS

1 No 83 Brace.
1 No 60 20 in Panel Saw
1 No. 60 20 in. Rip Saw.
1 ¼ in. Socket Firmer Chisel
1 ½ in. Socket Firmer Chisel.
1 ¾ in. Socket Firmer Chisel
3 Gimlet Bits.
1 ¼ in. Climax Auger Bit.
1 ⅜ in. Climax Auger Bit.
1 ⅝ in. Climax Auger Bit.
1 ½ in. Climax Auger Bit.
1 ⅝ in. Climax Auger Bit.
1 ¾ in. Climax Auger Bit.
1 ⅞ in. Climax Auger Bit.
1 Rose Countersink Bit
1 Square Reamer Bit.
1 No 31 3 in. Pocket Level.
1 Screw Driver Bit.
1 No. 7 4 in. Screw Driver.
1 No 7 6 in. Screw Driver.
1 12 in. Adams' Compass Saw.
1 No. 6 Cabinet Scraper.
1 No. 30 8 in. Hack Saw.
1 No. 100 Coping Saw.
1 No. 1½ Standard Nail Hammer.
1 No. 35 Tack Hammer.
1 No. 1 Black Warrior Shingling Hatchet.
1 No. 5 Tool Holder with 10 Tools.
1 No 20 6 in. Try Square.
1 Nail Set.
1 No E110 Plane.
1 No E26 Plane
1 Oiler.
1 Small Can Glue
1 8 in. Drawing Knife.
1 No. 63 Marking Gauge
1 No. 61 Rule
1 Pr. 7 in. Wing Dividers
1 Pr No 1360 Gas Pliers
1 Pr. No. 20 5 in. Pliers.
1 Pr. No 95 5 in. Pliers.
2 Files.
1 Deerlick Oil Stone

Weight Each About 43 Pounds.

One in a Crate

Hand Tool Case.

CARPENTERS'

Selected Hardwood, Handsomely Finished, Paneled Sides.

Each

No. 35—Outside Dimensions 34¼x17x6 in., Inside Dimensions 33x15¾x5 in., Removable Tray 32½x1¾x4¼ in., Case is Furnished with Brass Lock, Leather Handle with Ring for Strap to Pass Over Shoulder, Metal Clasps, Metal Corners, Saw Rack for Holding 4 Saws, Including a 28 in Rip Saw, Hooks for Brace and Coping Saw, Wood Button for Try Square, Partitioned Tray for Bits, Chisels and Small Tools, Space on Bottom to Hold Planes, Levels, Etc., Will Take a Steel Square with an 18 in. Tongue..... **$18.00**

Weight Each About 17 Pounds

Six in a Crate

Shoulder Tool Chest.

CARPENTERS'

Made of Chestnut, Dovetailed Corners. Brass Elbow to Support Lid when Open.

Each

No. 20—Inside Dimensions, 25 in. Long, 8 in. Wide, 8 in. Deep. Furnished with Rack for Holding Saws, Drop Handles and Lock..... **$6 70**

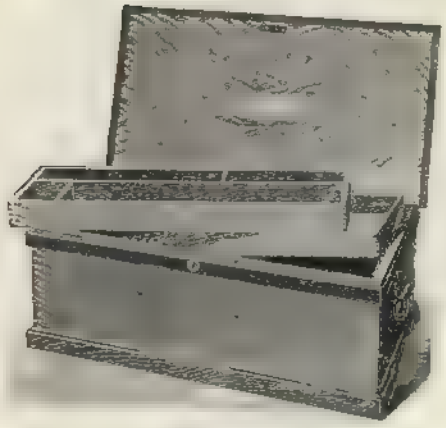
The above is a Portable Chest and can conveniently be carried on the shoulder.

Weight Each About 11 Pounds.

Six in a Crate

Empty Tool Chests.

CARPENTERS'



No. 250.

Selected Chestnut, Filled and Varnished. Two Sliding Trays, Lock and Key.

Each

No. 250—Inside Measurements 28x14x10 in., Weight Each About 20 Lbs. $10.00
One in a Crate

Hardwood, Filled and Varnished, Paneled Lid, Heavy Band Mouldings, Two Sliding Trays, One Saw Rack, Lock and Key.

Each

No. 260—Inside Measurements 28x15x14 in., Weight Each not Crated 43 Lbs., Crated About 65 Lbs. $13.00

No. 260½—Inside Measurements 32x16x10 in., Will Take a 26 in. Hand Saw, Weight Each not Crated 46 Lbs., Crated About 70 Lbs. 17.25

Nos 260 to 270.

No. 270—Inside Measurements 32x18x16 in., Will Take a 28 in Saw Weight Each not Crated 62 Lbs., Crated About 100 Lbs. . . . . Each
One in a Crate. $19 50

Machinists' Tool Case.

GEM

No. 4 Tool Chest Open.

Nos. 3 and 4 Tool Chest Closed.

All Metal, Black Baked Enamel Finish Drawers, Lined with Billiard Felt.

With Top Till, Four Large and Two Small Drawers, Two Handles and Two Keyed Steel Lock, Brass Tumblers

Each

No. 3—Outside Dimensions, 16⅛ in. Long, 9⅝ in. Deep, 8½ in. High, Inside Dimensions, Top Till 16x9½x2½ in., Top Drawer 16x8⅝x1¼ in., 2nd, 3rd and 4th Drawers 16x8⅝x1 in., Two Bottom Drawers 6⅝x9½x½ in., Weight Each 14 Lbs. $11 10

All Metal, Black Baked Enamel Finish, Drawer Lined with Billiard Felt.

With Top Till, Three Large and Two Small Drawers, Two Handles and Two Keyed Steel Lock, Brass Tumblers.

Each

No. 4—Outside Dimensions, 18⅛ in. Long, 9⅝ in. Deep, 8½ in. High, Inside Dimensions, Top Till 18¼x9½x3 in., Top Drawer 16¼x8⅝x1½ in., 2nd and 3rd Drawers 18⅛x8⅝x1¼ in., Two Bottom Drawers 8x9¼x⅝ in., Weight Each 15 Lbs. $11.65

The Gem Box is a practical Tool Chest, designed by a practical machinist and intended to hold with the greatest security the largest number of tools in the smallest space and in the most convenient manner

One in a Carton

Tool Holders.

STANLEY'S

Malleable Iron, Japanned.

Top View—Open

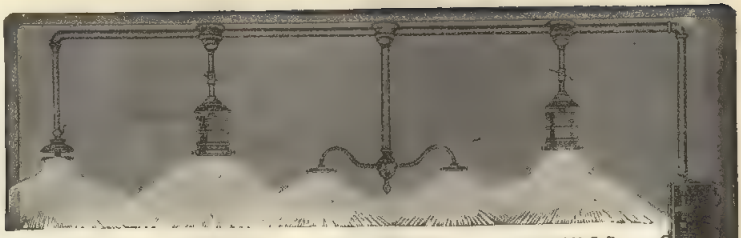
Per Dozen

No. 255—15x6 in when Closed, Will Hold 50 Small Tools, Weight Per Dozen About 84 Lbs. . $24.50

The use of this tool enables the owner to keep his benches clean and in good order Prevents the tools from rubbing together and becoming dull

One-twelfth Dozen in a Box.

Top View—Closed.



No. 53 500 C. P. Price $10.85 | No. 57 1000 C. P. Price $20.00 | No 61—Chandelier Price $20.00 | No 58—500 C. P. Price $18.35

The Acme Airlight Gas System

Installation permitted by the National Board of Fire Underwriters without extra charge for insurance

The Acme Airlight Gas System is the last word in gasoline lighting. With it the generating is all done at one point and the gas piped to the lamps, where it is lighted with a match the same as city gas. No separate generating of lamps, no gasoline in the building. Each lamp has its own cut-off valve with which the light can be turned on high or low at will. The air used in the gas can be taken from outside the building, thus this system does not vitiate the air in the room where the lights are installed, as is the case with ordinary gasoline lamps.

There is never any gasoline in the pipes, hence this system is absolutely safe.

The light produced is pure white and incandescent, better than the ordinary gasoline lamp, because this system has better combustion than any other, due to the superior design and construction of the Acme generator.

The Acme System is without question the best, safest, most economical and practicable system for lighting churches, halls and stores. All Acme Airlight Systems are guaranteed for five years. Shipped complete ready to install; pipe screws together the same as gas pipe. Everything made ready at our factory, especially for the place to be lighted, and an entire system can be installed in the average place in a few hours. No tools and no experience necessary.

Order a system today and be your own gas trust.

One five hundred candlepower mantle on this system will operate from 35 to 60 hours on one gallon of gasoline, or at about one-fifth the cost of the same amount of light from gas, electricity or kerosene. The generator can be regulated to accommodate any number of mantles required.

Estimates on cost of systems of various sizes. Prices are list and are subject to substantial discounts to agents and dealers.

Each system quoted consists of a tank, pump and generator of suitable size and 10 feet of pipe and connections for each 1-mantle lamp; 15 feet for each 2-mantle lamp and 20 feet for each 3-mantle lamp.

Send us the dimensions of your place and let us ship you an independent gas plant which will light your place as bright as day and attract attention and trade to your store.

ESTIMATES

Number of Lamps		3	4	5	6	7	8	9	10	11	12	13	14	15
No. 57	1 Mantle..	$136.00	$158.55	$183.35	$206.50	$236.35	$261.85	$283.85	$306.35	$329.50	$352.00	$381.85	$404.35	$427.50
Lamp	2 Mantles.	145.15	179.15	209.00	236.35	269.65	296.35	323.65	350.35	377.65	404.35	431.85	455.00	485.65
No. 58	1 Mantle..	136.00	158.55	183.35	206.50	236.35	261.35	283.85	306.35	329.50	352.00	381.85	404.35	427.50
Lamp	2 Mantles.	145.15	179.15	209.00	236.35	269.65	296.35	323.65	350.35	377.65	404.35	431.85	455.00	485.65
No. 53	1 Mantle..	113.50	128.50	145.85	161.50	183.85	201.35	216.35	231.35	247.00	262.00	284.35	299.35	315.00
Lamp	2 Mantles.	122.65	149.15	171.50	191.35	217.15	236.35	256.15	275.35	295.15	314.35	334.15	353.35	373.15
No. 60	Lamp. ..	110.00	123.85	140.00	154.50	175.65	192.00	205.85	219.65	234.15	248.00	269.15	283.00	297.50
No. 61	Chandelier	143.50	179.15	209.00	236.35	269.65	296.35	323.65	350.35	377.65	404.35	431.85	455.00	485.65

PRICES OF PARTS

No. 1 Airlight Generator, 1 to 6 mantles..... .... $40.00
No. 2 Airlight Generator, 1 to 12 mantles... . . .. 41.65
No. 3 Airlight Generator, 2 to 20 mantles..... . 53.35
5-gallon Tank, with Pump, Fittings and 10 feet Wire ... 24.35
10-gallon Tank, with Pump, Fittings and 10 feet Wire 29.85
Service Pipe, fittings, per pair .. .. .85
Service Piping, fitted, per foot... .... .40
Service Pipe Tees, Ells, Drops, etc., each..... .....$0 .85
No. 56 Outside Lamp, 1000 C. P..... .. .. 30.00
No. 1A Rag Mantles for Acme Lamps, best grade, per dozen. 3.35
No. 53 Shade used on No. 53 and No. 58 Lamps, per dozen.. 20.00
No. 57 Half Frosted Globe, per dozen.... .. .. 20.00
No. 60 Half Frosted Globe for No. 60 and No. 61 Lamps, doz. 5.00
No. 56 Clear globe, per dozen... .. .. 30.00

NULITE HOLLOW WIRE SYSTEM LAMPS

No. 90 Lamp, 500 C. P.

No. 91 Lamp, 500 C. P.

No. 92 Lamp, 500 C. P.

No. 7 Lamp, 500 C. P.

Standard Style Tank with Gauge and Pumps

No
90 Lamp, complete, oxidized $12.50
90 Lamp, complete, nickel plated 13.50

No
91 Lamp, complete, oxidized $13.35
91 Lamp, complete, nickel plated 13.35

No
92 Lamp, complete, oxidized $14.15
92 Lamp, complete, nickel plated 14.15

No
7 Lamp, complete, 3 feet long, oxidized $15.85
7 Lamp, complete, 3 feet long, nickel plated 15.85
Equipped the same as No. 92 except that the valve extends through the frame so that it can be manipulated from the floor. It is also equipped with extension tubing, canopy and crowfoot.

10-gallon Tank and Pump, Price $27.85
5-gallon Tank and Pump, Price 22.35

Made of galvanized riveted steel tested to 50 lbs. pressure. Passed by fire underwriters.
1¼x20-inch Pump ... $4.50
1¼x26-inch Pump ... 5.15

Frames of the Nos. 90, 91 and 92 lamps are exactly the same. All are equipped with the No. 7 gallery burner and German silver gauze, smoke bell, lighter and tip cleaner. These lamps can be fitted with extension tubing, canopy and crowfoot for rigid suspension if desired and are recommended that way, but are illustrated and quoted without extensions.

THE NULITE GASOLINE LIGHTING SYSTEMS

Cheapest and Best Artificial Light

Permitted by the National Board of Fire Underwriters

The Nulite Hollow Wire Gasoline Lighting System has been on the market for nearly a quarter of a century. There are more of this style of gasoline lamps in use than any other that has ever been made. The reason for their popularity is that they are made on a principle that is absolutely right in every detail. The very best of material is used in their construction and the men who have charge of the assembling, testing and inspecting these lamps are men who have had ten to twenty five years of experience in this business. The Nulite System is superior to electricity or gas because the light is better and more economical.

These lamps are safe, convenient, reliable and satisfying. It is a brilliant ornament that attracts business and adds cheer wherever they are used. The light produced is even cheaper than kerosene oil. Besides, there are no dirty wicks and chimneys to clean. No smoke and no smell. Shopping can be done satisfactorily at night, or on dark days where these systems are installed, as colors can be matched under the Nulite System as well as by daylight.

ESTIMATES ON NULITE HOLLOW WIRE LIGHTING SYSTEMS

The following tabulated list gives the list prices on systems of from one to twelve lamps of all the different hollow wire lamps illustrated on this and the following page. The price on each system includes tank and pump of suitable size, 20 feet of wire and connections for each lamp, and the specified number and style of lamps. A 5-gallon tank is figured on all 1 to 4-light systems, and a 10-gallon tank for all larger systems.

In ordering systems be sure and send a diagram of the place to be lighted, showing the desired position of the tank and lamps, and the distance between each lamp.

ESTIMATES

Number of lights to system	1	2	3	4	5	6	7	8	9	10
No. 90 Lamp Wire Suspension	$38.85	$ 55.35	$ 71.85	$ 88.35	$110.35	$126.85	$143.35	$159.85	$176.25	$192.85
No. 91 Lamp Wire Suspension	39.65	57.00	74.35	91.65	114.50	131.85	149.15	166.50	184.00	201.35
No. 92 Lamp Wire Suspension	40.50	58.65	76.80	95.00	118.65	136.80	155.00	173.15	191.35	209.50
No. 7 Lamp Wire Suspension	42.20	62.00	81.85	101.65	127.00	146.85	166.65	186.50	206.35	226.15
No. 444 Inverted Lamp 3 long	46.30	70.35	94.35	118.35	147.85	171.85	195.85	219.85	243.85	267.85
No. 444 Inverted Lamp Wire Suspension	48.00	63.70	84.30	105.00	131.15	151.85	172.50	193.15	213.85	234.50
No. 445 Chandelier	68.00	113.65	159.35	205.00	256.15	301.85	347.50	393.15	438.85	484.50
No. 446 Chandelier	89.70	155.35	219.30	291.65	364.50	431.85	499.15	566.50	633.85	701.15
No. 1 Even Glow Lamp	45.85	75.35	101.80	128.35	160.35	186.85	213.35	239.85	266.35	292.85
No. 2 Even Glow Lamp	51.35	80.35	114.35	138.35	172.85	201.85	230.85	259.85	288.85	317.85
No. 602 Sun Glow Lamp	46.35	70.35	94.35	116.65	146.15	170.35	194.15	218.15	242.15	266.15
No. 604 Sun Glow Lamp	46.35	70.35	94.35	116.65	146.15	170.35	194.15	218.15	242.15	266.15
No. 605 Sun Glow Lamp	39.65	57.00	74.35	91.65	114.50	131.85	149.15	166.50	184.00	201.35
No. 607 Bracket Lamp	37.85	53.00	66.65	82.00	87.50	102.85	118.15	133.50	148.85	164.15
No. 609 Bracket Lamp	41.35	60.35	79.35	98.35	122.85	141.85	159.35	179.85	198.85	217.85
No. 610 Sun Glow Lamp	43.00	63.65	84.35	105.00	131.15	151.85	172.50	193.15	213.85	234.50

SUPPLIES AND PARTS

No. 2 Hollow Wire, cut and fitted to order, and including all wire connections necessary for installation, per foot $0.20
No. 2 Hollow Wire only, per foot ... .10
Tee connection only ..... .25
Cross Connection only ..... $ .40
Nuts and Jams only ..... .15
No. 634 Chimney, per dozen 4.15
No. 1343 Clear Globe, per dozen 13.00
No. QG Opal Globe, per dozen 12.00
8 inch Opal Dome Shade, per dozen 8.00
8x7 inch Mica Chimney, per dozen ... 16.65
No. 438 Opal Globe, per dozen ..... $ 12.00
No. 444 Alba Globe, per dozen 15.00
No. 981 Half Frosted Globe, per doz. 6.35
No. 1544 Art Shade with Fringe, ea. 13.25
No. 460 Clear Globe, each 3.35
No. 1 X System Mantle, per dozen ... 6.65
No. 1 A Rag Mantle, per dozen 3.35

NULITE INVERTED AND SUN GLOW LAMPS

G. W. HUNTLEY © CHICAGO — 1863 1915

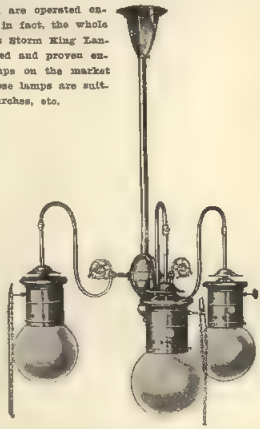
Operate on any Hollow Wire System—Operates 40 to 60 Hours per Mantel on One Gallon of Gasoline

All Sun Glow System Lamps are automatically cleaned and are operated entirely from the floor. The generating and cleaning mechanism; in fact, the whole working part of the lamp, is the same as is used in the famous Storm King Lantern and the Nulite Favorite Table Lamps, hence have been tried and proven entirely successful and reliable. These are the best working lamps on the market today and also the most popular after they become known. These lamps are suitable for lighting stores, homes, hotels, offices, shops, halls, churches, etc.

No. 444. Single Inverted Lamp. 400 C. P.
Price $20.00
Nickel plated, 2 feet over all. For wire suspension $16.65
Equipped with No. 444 Alba globe and Rag mantle. An ideal lighting medium for every place

No. 607
Sun Glow System Wall Bracket, complete, nickel plated. List price..... $11.35
300 C. P.
Operated from the floor. Automatically cleaned

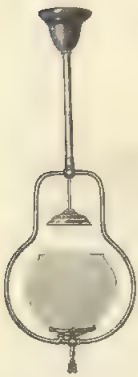
No. 609
Sun Glow Outdoor Bracket Lamp for hollow wire systems. Nickel plated. Weight 3½ pounds. Height 11 inches. Width 16 inches over all.
List price, complete with mica chimney $15.00
With glass chimney 14.35



No. 446—Plain Chandelier, 1200 C. P.

No. 446 Three Light Chandelier; 1200 C. P.
Price $83.35
Nickel plated, 3 feet over all. Same construction as No. 444 Lamp

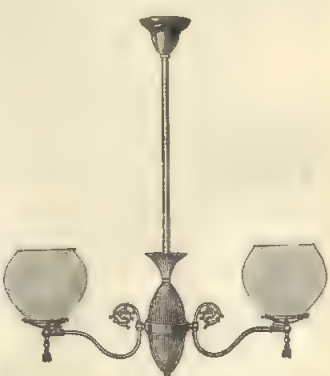
No. 445 Two Light Chandelier; 800 C. P.
Price $41.65
Three feet over all. Nickel plated. Same in appearance and construction as No. 446.



No. 603
Sun Glow System Harp Lamp.
Nickel plated. 300 C. P.
List price, complete, 3 feet over all $13.35

No. 610
Nickel Plated
Sun Glow Outdoor System Lamp. 300 C. P. Weight 3½ lbs. Height 20 inches.
List price, complete with mica chimney $15.00
With glass chimney 14.35

No. 604
Sun Glow System Lamp, 300 candle power. Equipped with No. 13 ribbed opal shade and 4-inch beaded fringe. 3 feet over all. Nickel plated. Weight 3 lbs.
List price $20.00



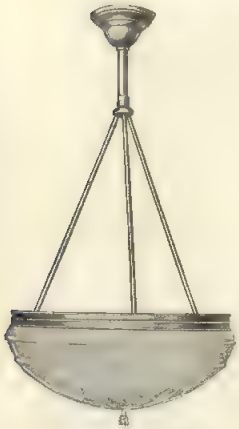
No. 602
Sun Glow System Chandelier. Complete. 3 feet over all. Nickel plated.
List price, 600 C. P. $20.00

The Nulite Even-Glow Lighting System

Sunshine at Night

The result of the scientific combination of perfect Hydrocarbon light distributed by the most wonderful product of the glassmaker's art. Absolutely Shadowless—no Glare and no Eye Strain. The nearest approach to sunlight at night ever effected. Pronounced by the World's most competent lighting engineers as the "Only Perfect Artificial Light" for Homes, Offices, Stores and Churches.

The Semi-Indirect Lamps operate on any hollow wire system and are guaranteed to give entire satisfaction when used according to instructions. These are the latest style lamps on the market and we believe the best ever made. They are beautiful to look at when not in operation and when lighted the effect is almost indescribable. It is like the sunlight filtering through the leafy trees. The glass bowl is not transparent, that is, there is no glare from the mantle, nor are any of the working parts of the lamp visible, but when the lamp is in operation the light is diffused from the globe in every direction and the intense rays from the mantles are reflected upward to the ceiling whence it is distributed evenly over every part of the room giving at one time all of the advantages of both direct and indirect lighting. In fact, Semi-Direct Lighting has been pronounced by all the greatest engineers and experts on the subject, to be the most perfect of all artificial lights.



400 candle power. Forty hours on 1 gallon of gasoline. Shadowless, perfect light distribution. Better than 2,000 C. P. of direct light. More beautiful than electricity and ten times as cheap to maintain.

No. 2—Even-Glow, two-mantle fixture for homes, offices, stores and churches. Brushed brass finish, 16-inch bowl. Price . **$25.00**

200 candle power. Sixty hours on 1 gallon of gasoline. Absolutely no glare. Like September sunshine through leafy trees. Maximum power and distribution at minimum cost. Automatically cleaned. Operates entirely from floor.

No. 1—Single mantle, 200 candle power. Price . . . **$22 50**

"The Nulite Favorite" Portable Reading Lamp with Decorated China Shade—Four Colors

Automatically Cleaned Positively Cannot Clog

250 Candle Power. 60 Hours on One Gallon of Gasoline. Weight 6 lbs. Height 22 inches. Operates 15 Hours on One Filling. Simple Safe—Efficient—Durable

The Nulite Favorite No. 10 Table Lamp is pronounced by everyone who has seen it, the last word in gasoline lamp perfection. It is exceptionally beautiful, neat and convenient in size and style. Attractively finished in polished nickel, and equipped with a handsomely decorated china shade. As a household utility it is certainly a great improvement over all other styles of home lamps. It saves money and time for the user, adds comfort and cheer to the home, makes for comfort, cheerfulness and well-being everywhere. It is artistically designed, perfectly constructed and produces a powerful white light of a quality unequaled except by sunlight.

The No. 10 Lamp is fitted with a patented automatic cleaning device which prevents clogging, and this eliminates practically all the trouble usually experienced with the old style gasoline lamps. The Nulite Favorite Table Lamp produces a better quality of light than gas, electricity or kerosene at a much lower cost and is more convenient, as it is entirely portable and has no connecting wires or tubes in the way. For every phase of home and office lighting this lamp is certainly away ahead of all others. It will operate in any position—upside down, on its side or even can be rolled on the floor while in operation without damage to itself or danger to anything surrounding it.

It is equipped with two small rag mantles which are tied securely on to the burner with asbestos cord. A small pump is furnished free with each lamp. All parts are interchangeable and the entire lamp is guaranteed to be just as represented or money refunded.

Dealers, salesmen, users, everyone should be interested in this lamp. It is an ideal home lamp, just the thing for desk or study use, hospitals, doctors. Professional men will find in it the lighting service they have always wished for. There is a real need of this lamp in every one of these places. If you are a dealer cash in on this certain demand by ordering six or a dozen lamps today.

No. 10 Nulite Favorite Table Lamp, with decorated shade. Price **$18.35**

No. 10 Nulite Favorite Table Lamp, with white shade. Price **$17.65**

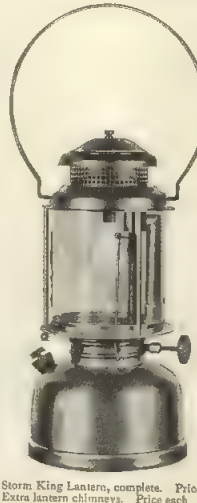
Fancy decorated shades only, ea. **$2.65**
Fancy white shades only, each, **2.00**

Nulite Junior rag mantles, best quality, per dozen **$2.85**

The Storm King Lantern

250 Candle Power

Automatically Cleaned—Cannot Clog Storm and Rain-proof Guaranteed Safe and Efficient



The Storm King Lantern should be of interest to Campers, Hunters, Summer Resorts, Street Shows, Circuses, Railroads, Yards, Camp Meetings, Military Encampments, Street Lighting in small towns, and for farmers and householders everywhere.

It is an efficient, safe, reliable, powerful and economical light, storm proof and will burn anywhere and in any position. It is very simple in construction and in operation, easy to light and extinguish and can be taken apart in a few seconds if desired. It is equipped with automatic tip cleaner which prevents clogging.

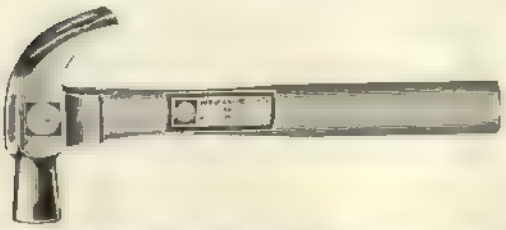
No dirty chimney to wash
No wicks to trim.
No smoke, no smell
No dirt, no danger.
Cheaper than kerosene.
More efficient than electricity

Weight 3½ lbs. net. Height 13 inch. Capacity one quart. Burns 15 hours on one filling and produces about 250 candle power. Equipped with rag mantle, mica chimney, pump and lighter. Put up in carton weighing 5 lbs. gross.

Storm King Lantern, complete. Price **$15.85**
Extra lantern chimneys. Price each **1.40**
Extra mantles. Per dozen **3.55**

Nail Hammers.

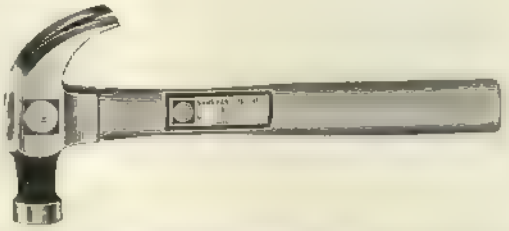
VAUGHAN & BUSHNELL



Drop Forged, Crucible Cast Steel, Full Polished, Plain Face, Adze Eye, Selected Hickory Handle.

Nos.	V1	V1½	V2	V3
Size	1	1½	2	3
Weight Each	1 lb 4 oz.	1 lb.	13 oz.	7 oz.
Ap Wt. Per Doz., Lbs.	21	17	14	9
Per Dozen	$10.80	10.25	9.70	9.25

Weights EACH Do Not Include Handles.

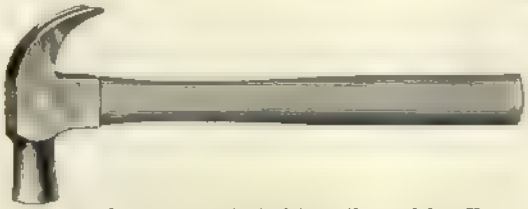


Drop Forged, Crucible Cast Steel, Polished, Bell Face, Adze Eye, Selected Hickory Handle.

Nos.	V11	V11½	V12	V13
Size	1	1½	2	3
Weight Each	1 lb. 4 oz.	1 lb.	13 oz.	7 oz.
Ap Wt. Per Doz., Lbs.	21	17	14	9
Per Dozen	$10.80	10.25	9.70	9.25

Weights EACH Do Not Include Handles.

STANDARD



Solid Steel, Full Polished, Plain Face, Adze Eye, Hickory Handle.

Nos.	1	1½	2	3
Size	1	1½	2	3
Weight Each	1 lb. 4 oz.	1 lb.	13 oz.	7 oz.
Ap Wt Per Doz., Lbs	21	17	14	9
Per Dozen	$7.25	7.00	6.70	6.35

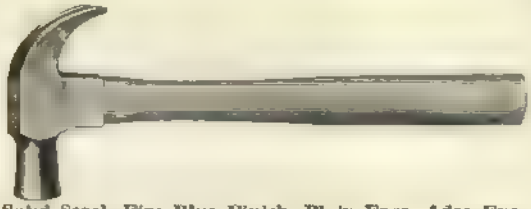
Weights EACH Do Not Include Handles.

Solid Steel, Full Polished, Bell Face, Adze Eye, Hickory Handle.

Nos.	11	11½	12	13
Size	1	1½	2	3
Weight Each	1 lb. 4 oz.	1 lb.	13 oz.	7 oz.
Ap. Wt Per Doz., Lbs.	21	17	14	9
Per Dozen	$7.25	7.00	6.70	6.35

Weights EACH Do Not Include Handles.

BANNER

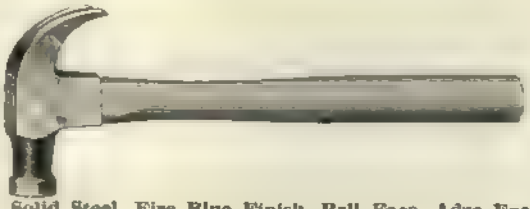


Solid Steel, Fire Blue Finish, Plain Face, Adze Eye, Hickory Handle.

Per Dozen

No. 50—Size 1½, Weight Each without Handle 1 Lb. . . $6 90

Approximate Weight Per Dozen 17 Pounds.



Solid Steel, Fire Blue Finish, Bell Face, Adze Eye, Hickory Handle.

Per Dozen

No. 55—Size 1½, Weight Each without Handle 1 Lb. . $8 90

Approximate Weight Per Dozen 17 Pounds.

BADGER STATE

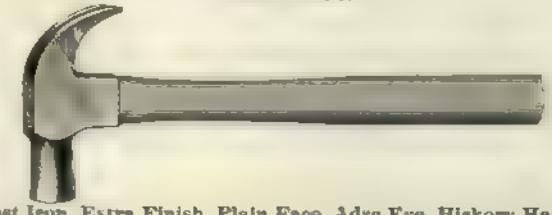
Cast Steel, Polished, Belt Face, Adze Eye, Hickory Handle.

Per Dozen

No. 7—Size 1½, Weight Each without Handle 1 Lb. . . $5 00

Approximate Weight Per Dozen 17 Pounds.

CAST IRON



Cast Iron, Extra Finish, Plain Face, Adze Eye, Hickory Handle.

Per Dozen

No. 2000—Size 1½, Weight Each without Handle 1 Lb. $2.55

Cast Iron, Nickel Plated, Plain Face, Adze Eye, Ebonized Handle.

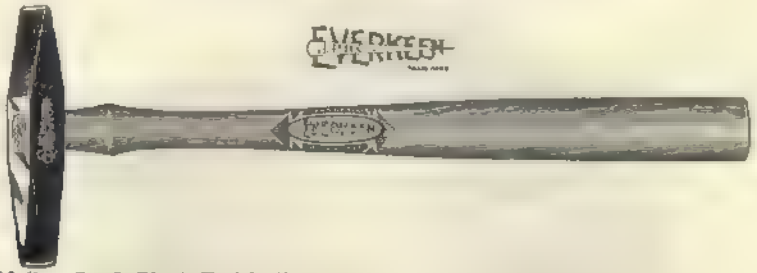
Per Dozen

No. 3000—Size 1½, Weight Each without Handle 1 Lb. $3 55

Approximate Weight Per Dozen 17 Pounds.

All Above, One-half Dozen in a Box.

Riveting Hammers.



Solid Cast Steel, Black Finish, Polished Face and Pein, Selected Hickory Handle.

Nos.	E0	E1	E2	E3	E4	E5	E6	E7
Weight Each	4 oz.	7 oz.	9 oz.	12 oz.	15 oz.	1 lb. 2 oz.	1 lb. 6 oz.	1 lb. 10 oz.
Ap. Weight Per Dozen, Lbs.	5	8	10	13	16	19	22	25
Per Dozen	$8.00	8.35	8.70	9.00	9.35	10 00	10.70	11.35

ATHA

Solid Cast Steel, Full Polished, Selected Hickory Handle.

Nos.	230	231	232	233
Weight Each	4 oz.	7 oz.	9 oz.	12 oz.
Ap. Wt. Per Doz., Lbs.	5	8	9	12
Per Dozen	$7.35	7.70	8.00	8.35

Nos.	234	235	236	237
Weight Each	15 oz.	1 lb 2 oz.	1 lb 6 oz	1 lb 10 oz.
Ap Wt Per Doz., Lbs	16	18½	22	26
Per Dozen	$8 70	9 35	10 00	10.70

VAUGHAN & BUSHNELL

Drop Forged, Crucible Cast Steel, Polished and Temper Blued, Selected Hickory Handle.

Nos.	0	1	2	3
Weight Each	4 oz.	7 oz.	9 oz.	12 oz.
Ap. Wt Per Doz., Lbs.	5	8	10	13
Per Dozen	$7.35	7.70	8.00	8.35

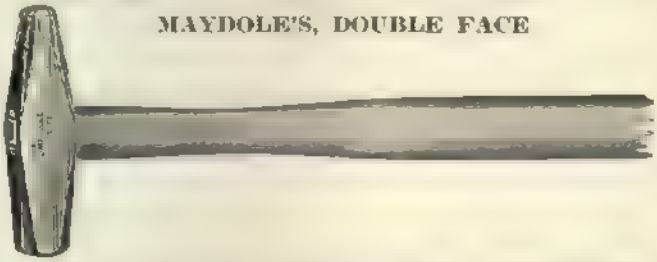
Nos.	4	5	6	7
Weight Each	15 oz	1 lb 2 oz.	1 lb 6 oz.	1 lb 10 oz.
Ap Wt Per Doz , Lbs	16	19	22	35
Per Dozen	$8 70	9.35	10 00	10.70

MAYDOLE'S

Solid Crucible Cast Steel, Full Polished, Selected Hickory Handle.

Nos.	40	41	42	43	44
Weight Each	1 lb 8 oz	1 lb. 2 oz	13 oz.	7 oz.	4 oz.
Ap. Wt. Doz., Lbs.	27	19	14	9	5
Per Dozen	$11.05	9 45	7.80	6 85	6 50

MAYDOLE'S, DOUBLE FACE

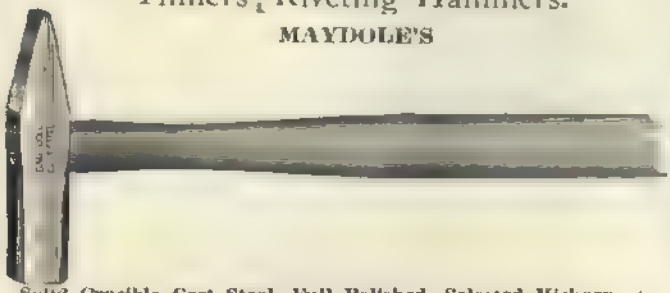


Solid Crucible Cast Steel, Full Polished, Selected Hickory Handle.

Nos.	240	241	242	243	244
Weight Each	1 lb 10 oz.	1 lb. 3 oz.	12 oz.	8 oz.	5 oz
Ap. Wt. Doz., Lbs.	30	20	13	8	6
Per Dozen	$18 55	11 40	9.55	8.30	7 70

Tinners' Riveting Hammers.

MAYDOLE'S

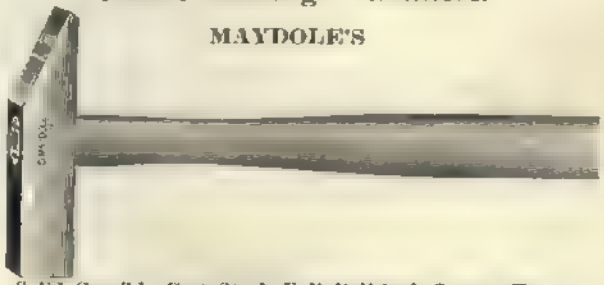


Solid Crucible Cast Steel, Full Polished, Selected Hickory Handle.

Nos.	291	292	293	294	295
Weight Each	1 lb. 8 oz.	1 lb. 4 oz.	1 lb.	12 oz.	8 oz.
Ap Wt Doz , Lbs	27	21	17	13	10
Per Dozen	$12 90	11.80	10.65	9.90	9.15

Tinners' Setting Hammers.

MAYDOLE'S



Solid Crucible Cast Steel, Full Polished, Square Face, Selected Hickory Handle.

Nos.	301	302	303	304	305
Weight Each	1 lb. 8 oz.	1 lb. 4 oz.	1 lb.	12 oz.	8 oz.
Face, Inches	1⅛	1	⅞	¾	⅝
Ap. Wt. Doz., Lbs.	27	21	17	13	10
Per Dozen	$12 90	11.80	10 65	9.90	9.15

Weights EACH Do Not Include Handles.

All Above, One-half Dozen in a Box.

Machinists' Hammers.

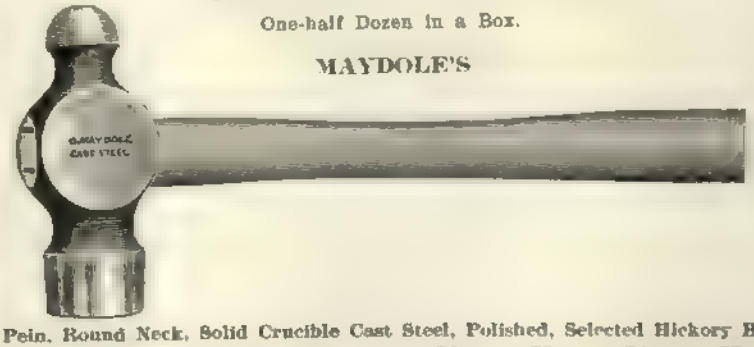
Ball Pein, Octagon Neck, Drop Forged, Crucible Cast Steel, Black Finish, Polished Face, Pein and Sides, Selected Hickory Handle.

Nos.	E5–0	E4–0	E3–0	E2–0	E0	F1	E2
Weight Each	4 oz.	6 oz.	8 oz.	12 oz.	1 lb.	1 lb. 4 oz.	1 lb. 8 oz.
Approx. Weight Per Dozen, Lbs.	5	6¾	10	13	16	21	24
Per Dozen	$7.50	7.50	7.50	7.50	7.80	8.40	9.00

Nos.	E3	E4	E5	E6	E7	E8
Weight Each	1 lb. 12 oz.	2 lb.	2 lb. 4 oz.	2 lb. 8 oz.	2 lb. 12 oz.	3 lb.
Approx. Weight Per Dozen, Lbs.	30	33	36	40	45	50
Per Dozen	$9.60	10.20	10 80	11.70	12 60	13 50

Weights EACH Do Not Include Handles.

One-half Dozen in a Box.



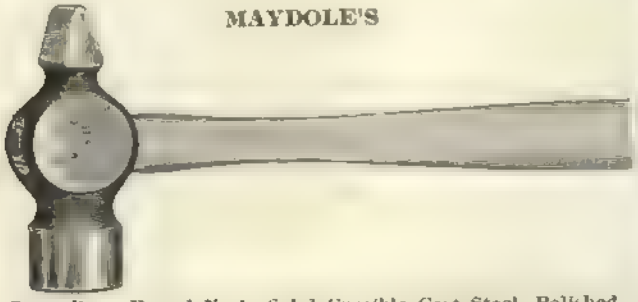
MAYDOLE'S

Ball Pein, Round Neck, Solid Crucible Cast Steel, Polished, Selected Hickory Handle.

Nos.	70	70½	71	72	73	74	75	76	77	78
Weight Each	3 lbs.	2 lb. 4 oz.	1 lb. 14 oz.	1 lb. 8 oz.	1 lb. 4 oz.	1 lb.	13 oz.	10 oz.	7 oz.	5 oz.
Ap. Wt. Per Dozen, Lbs.	50	36	31	24	21	16	14	12	9	6
Per Dozen	$20.00	17 00	15 00	13 50	12 25	11.25	10 50	10 00	9.50	9.25

Weights EACH Do Not Include Handles.

MAYDOLE'S



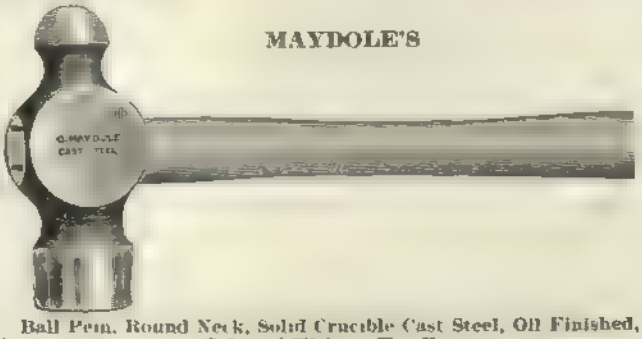
Cross Pein, Round Neck, Solid Crucible Cast Steel, Polished, Selected Hickory Handle.

Nos.	170	170½	171
Weight Each	3 lbs	2 lb 4 oz	1 lb 14 oz
Ap. Wt. Per Doz., Lbs.	50	36	31
Per Dozen	$20.00	17.00	15.00

Nos.	172	173	174
Weight Each	1 lb. 8 oz.	1 lb. 4 oz.	1 lb.
Ap. Wt. Per Doz., Lbs.	24	21	16
Per Dozen	$13 50	12.25	11.25

Nos.	175	176	177	178
Weight Each	13 oz	10 oz.	7 oz.	5 oz.
Ap Wt Per Doz, Lbs	14	12	9	6
Per Dozen	$10 50	10 00	9.50	9 25

MAYDOLE'S



Ball Pein, Round Neck, Solid Crucible Cast Steel, Oil Finished, Selected Hickory Handle.

Nos.	770	770½	771
Weight Each	3 lbs	2 lb 4 oz.	1 lb. 14 oz.
Ap. Wt. Per Doz., Lbs.	50	36	31
Per Dozen	$17.50	14.75	13 00

Nos.	772	773	774
Weight Each	1 lb. 8 oz.	1 lb. 4 oz	1 lb
Ap. Wt. Per Doz., Lbs.	24	21	16
Per Dozen	$11.50	10.50	9 50

Nos.	775	776	777	778
Weight Each	13 oz.	10 oz.	7 oz	5 oz
Ap. Wt. Per Doz., Lbs.	14	12	9	6
Per Dozen	$9.00	8.50	8 00	7 75

Weights EACH Do Not Include Handles.

One-third Dozen in a Box

Bricklayers' Hammers.

ATHA

Solid Cast Steel, Polished, Plain Eye, Selected Hickory Handle.

Nos.	441	442	443
Weight Each	1 lb. 2 oz.	1 lb. 8 oz	2 lb
Ap. Weight Per Dozen, Lbs..	20	24	28
Per Dozen....	$13.20	14 40	15 60

Weights EACH Do Not Include Handles.
One-half Dozen in a Box.

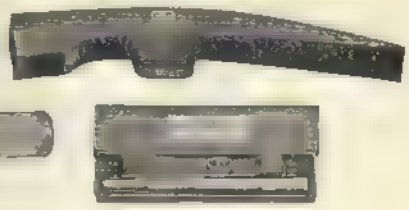
MAYDOLE'S

Solid Crucible Cast Steel, Oil Finish, Selected Hickory Handle.

Nos.	561	562
Weight Each, Lbs..	2¼	1⅞
Ap. Wt. Doz., Lbs..	32	26
Per Dozen.....	$16.40	15 15
Nos.	563	564
Weight Each, Lbs .	1⅝	1
Ap. Wt. Doz., Lbs..	21	16
Per Dozen.....	$13.85	12 60

Weights EACH Do Not Include Handles.
One-third Dozen in a Box.

VLCHEK



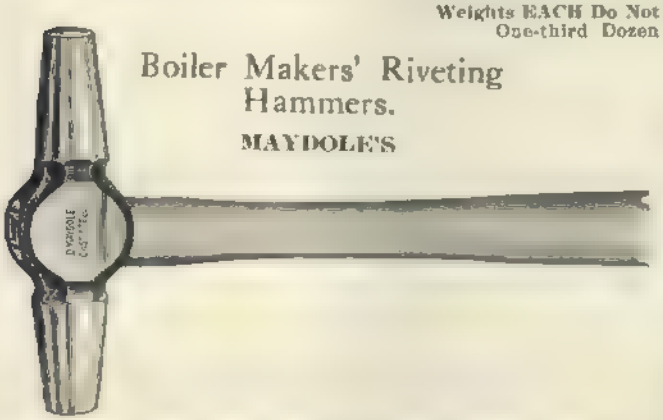
High Grade Crucible Tool Steel, Drop Forged, Natural Finish, Adze Eye, Handle Will Hold without Wedges.

Nos.	1B	2B	3B
Wt. Each, Lbs...	1¾	2	2½
Ap. Wt. Doz., Lbs.	24	28	34
Per Dozen . . .	$18.65	20 00	21.35

Weights EACH Do Not Include Handles.
One-twelfth Dozen in a Box

Boiler Makers' Riveting Hammers.

MAYDOLE'S



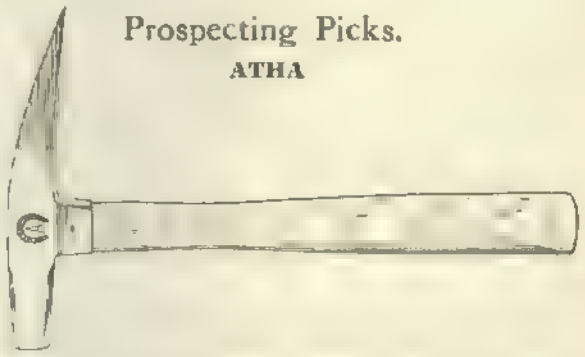
Solid Crucible Cast Steel, Polished, Selected Hickory Handle.

Nos.	0441	0442	0443	0444
Weight Each	3 lb.	2 lb. 10 oz.	2 lb. 6 oz.	2 lb.
Ap. Wt. Doz., Lbs...	42	36	33	30
Per Dozen	$26.50	24.85	23 25	21.60

Weights EACH Do Not Include Handles.
One-quarter Dozen in a Box

Prospecting Picks.

ATHA



Solid Cast Steel, Polished, Selected Hickory Handle.

No.	232
Weight Each	1 lb 8 oz.
Approx. Weight Per Dozen, Lbs	24
Per Dozen .	$16 00

Weight EACH Does Not Include Handle.
One-half Dozen in a Box.

Prospecting Hammers.

Solid Cast Steel, Polished, Selected Hickory Handle.

No.	262
Weight Each	1 lb. 12 oz
Ap. Weight Per Dozen, Lbs.	27
Per Dozen	$13.50

Weight EACH Does Not Include Handle.
One-half Dozen in a Box.

Shoe Hammers.

Solid Cast Steel, Polished.

Nos.	1Y	2Y
Weight Each, Oz.....	13	15
Ap. Wt Per Dozen, Lbs.	14	16
Per Dozen.....	$7.35	7.70

Weights Each Do Not Include Handles
One-half Dozen in a Box.

Cast Steel, Polished.

	Per Dozen
No. 75—Weight Each 1 Lb.....	$4.00

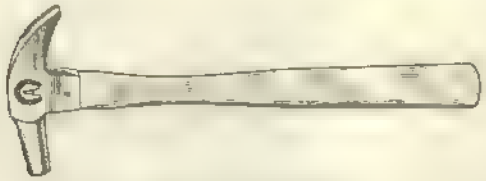
Cast Iron, Japanned.

	Per Dozen
No. 65—Weight Each 1 Lb.....	$1.90

Weights Each Do Not Include Handles.
One Dozen in a Box.

Farriers' Hammers.

ATHA



Cincinnati Pattern.
Solid Cast Steel, Round Poll, Polished, Adze Eye, Hickory Handle.

Per Dozen
No. 210—Weight Each without Handle 10 Oz.. ... $10.35
Approximate Weight Per Dozen 12 Pounds.
One-half Dozen in a Box.

Boston Pattern.
Solid Cast Steel, Octagon Poll, Polished, Adze Eye, Hickory Handle.

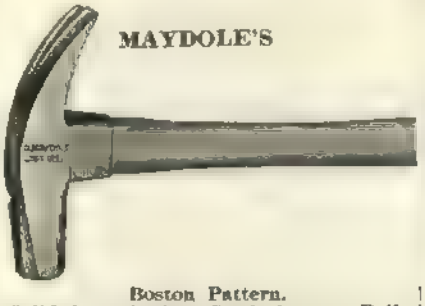
Per Dozen
No. 220—Weight Each without Handle 12 Oz..... ..$12.00
Approximate Weight Per Dozen 15 Pounds
One-half Dozen in a Box.

MAYDOLE'S

Whaleback Claw, Octagon.
Solid Crucible Cast Steel, Octagon Poll, Polished, Adze Eye, Hickory Handle.

Nos.	652	653
Weight Each, Oz....	10	8
Ap. Wt. Doz., Lbs...	10	8
Per Dozen.....	$11.05	10.40

Weights EACH Do Not Include Handles.
One-half Dozen in a Box.



Boston Pattern.
Solid Crucible Cast Steel, Octagon Poll, Polished, Adze Eye, Hickory Handle.

Nos.	152	153
Weight Each, Oz....	10	8
Ap. Wt. Doz., Lbs. .	10	8
Per Dozen	$10 40	9.75

Weights EACH Do Not Include Handles.
One-half Dozen in a Box

Round Pattern.
Sol'd Crucible Cast Steel, Round Poll, Polished, Adze Eye, Hickory Handle.

Nos.	252	253
Weight Each, Oz....	10	8
Ap Wt Doz, Lbs....	10	8
Per Dozen	$9 75	9.10

Weights EACH Do Not Include Handles.
One-half Dozen in a Box.

HELLER'S

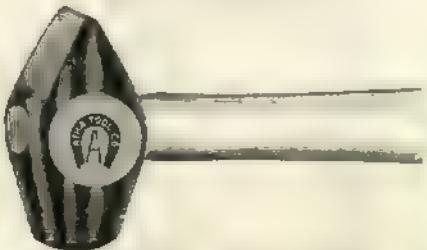
Solid Crucible Cast Steel, Polished, Adze Eye, Hickory Handle.

Per Dozen
No. H64—Weight Each 11 to 20 Oz., with Handle. $13 00
Approximate Weight Per Dozen 18 Pounds.

Per Dozen
No. H65—Weight Each 16 to 20 Oz., with Handle. $16.20
Approximate Weight Per Dozen 18 Pounds.

One-half Dozen in a Box.

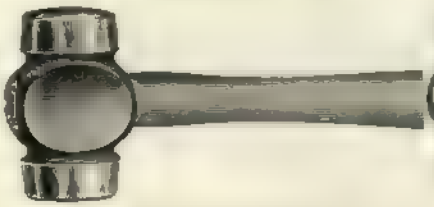
ATHA, TURNING



Solid Cast Steel, Hickory Handle.

Per Dozen
No. 470—Full Polished, Weight Each 2 Lbs 4 Oz.....$30 60
No. 470½—Half Polished, Weight Each 2 Lbs. 4 Oz... 27 00
Approx. Weight Per Dozen 33 Pounds.
Weights EACH Do Not Include Handles.
One-third Dozen in a Box

MAYDOLE'S, ROUNDING AND FITTING

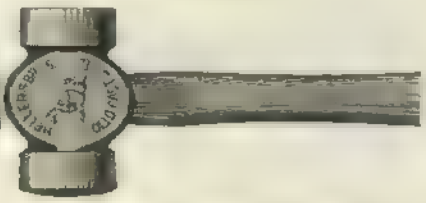


Solid Crucible Cast Steel, Polished Faces, Hickory Handle.

Per Dozen
No. 212—Weight Each 3 Lbs. 8 Oz. $20.40

Approx. Weight Per Dozen 36 Pounds.
Weight EACH Does Not Include Handle.
One-half Dozen in a Box.

HELLER'S, ROUNDING AND FITTING



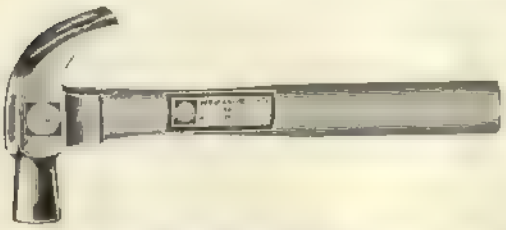
Solid Crucible Cast Steel, Polished Face, Hickory Handle.

Per Dozen
No. H61—Weight Each 2 Lbs. 3 Oz. $34.60

Approx. Weight Per Dozen 32 Pounds
Weight EACH Does Not Include Handle.
One-half Dozen in a Box

Nail Hammers.

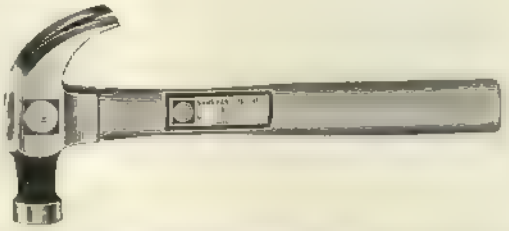
VAUGHAN & BUSHNELL



Drop Forged, Crucible Cast Steel, Full Polished, Plain Face, Adze Eye, Selected Hickory Handle.

Nos.	V1	V1½	V2	V3
Size	1	1½	2	3
Weight Each	1 lb 4 oz.	1 lb.	13 oz.	7 oz.
Ap Wt. Per Doz., Lbs.	21	17	14	9
Per Dozen	$10.80	10.25	9.70	9.25

Weights EACH Do Not Include Handles.

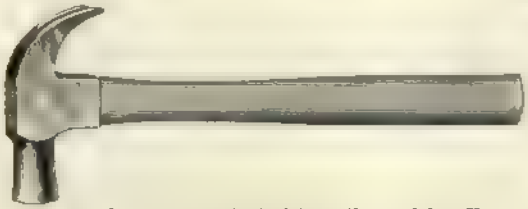


Drop Forged, Crucible Cast Steel, Polished, Bell Face, Adze Eye, Selected Hickory Handle.

Nos.	V11	V11½	V12	V13
Size	1	1½	2	3
Weight Each	1 lb. 4 oz.	1 lb.	13 oz.	7 oz.
Ap Wt. Per Doz., Lbs.	21	17	14	9
Per Dozen	$10.80	10.25	9.70	9.25

Weights EACH Do Not Include Handles.

STANDARD



Solid Steel, Full Polished, Plain Face, Adze Eye, Hickory Handle.

Nos.	1	1½	2	3
Size	1	1½	2	3
Weight Each	1 lb. 4 oz.	1 lb.	13 oz.	7 oz.
Ap Wt Per Doz., Lbs	21	17	14	9
Per Dozen	$7.25	7.00	6.70	6.35

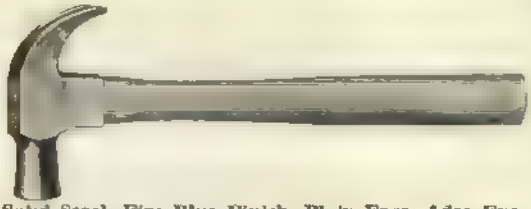
Weights EACH Do Not Include Handles.

Solid Steel, Full Polished, Bell Face, Adze Eye, Hickory Handle.

Nos.	11	11½	12	13
Size	1	1½	2	3
Weight Each	1 lb. 4 oz.	1 lb.	13 oz.	7 oz.
Ap. Wt Per Doz., Lbs.	21	17	14	9
Per Dozen	$7.25	7.00	6.70	6.35

Weights EACH Do Not Include Handles.

BANNER

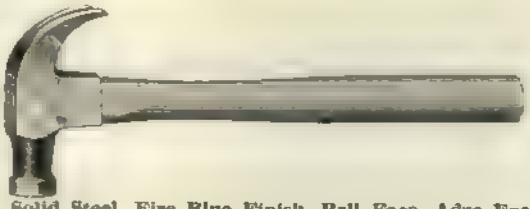


Solid Steel, Fire Blue Finish, Plain Face, Adze Eye, Hickory Handle.

Per Dozen

No. 50—Size 1½, Weight Each without Handle 1 Lb. . . $6 90

Approximate Weight Per Dozen 17 Pounds.



Solid Steel, Fire Blue Finish, Bell Face, Adze Eye, Hickory Handle.

Per Dozen

No. 55—Size 1½, Weight Each without Handle 1 Lb. . $8 90

Approximate Weight Per Dozen 17 Pounds.

BADGER STATE

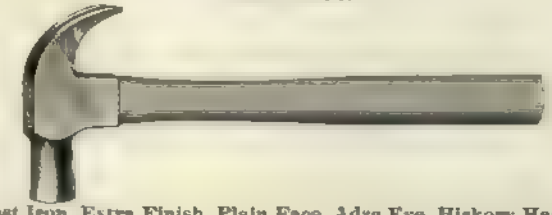
Cast Steel, Polished, Belt Face, Adze Eye, Hickory Handle.

Per Dozen

No. 7—Size 1½, Weight Each without Handle 1 Lb. . . $5 00

Approximate Weight Per Dozen 17 Pounds.

CAST IRON



Cast Iron, Extra Finish, Plain Face, Adze Eye, Hickory Handle.

Per Dozen

No. 2000—Size 1½, Weight Each without Handle 1 Lb. $2.55

Cast Iron, Nickel Plated, Plain Face, Adze Eye, Ebonized Handle.

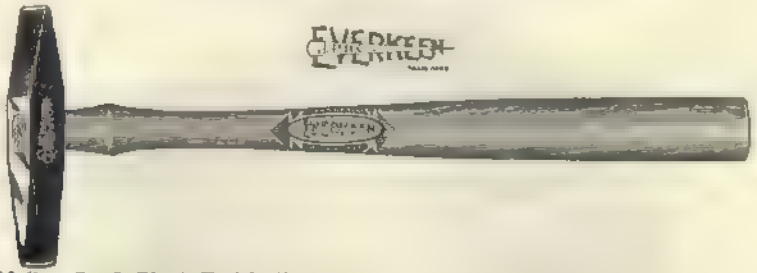
Per Dozen

No. 3000—Size 1½, Weight Each without Handle 1 Lb. $3 55

Approximate Weight Per Dozen 17 Pounds.

All Above, One-half Dozen in a Box.

Riveting Hammers.



Solid Cast Steel, Black Finish, Polished Face and Pein, Selected Hickory Handle.

Nos.	E0	E1	E2	E3	E4	E5	E6	E7
Weight Each	4 oz.	7 oz.	9 oz.	12 oz.	15 oz.	1 lb. 2 oz.	1 lb. 6 oz.	1 lb. 10 oz.
Ap. Weight Per Dozen, Lbs.	5	8	10	13	16	19	22	25
Per Dozen	$8.00	8.35	8.70	9.00	9.35	10 00	10.70	11.35

ATHA

Solid Cast Steel, Full Polished, Selected Hickory Handle.

Nos.	230	231	232	233
Weight Each	4 oz.	7 oz.	9 oz.	12 oz.
Ap. Wt. Per Doz., Lbs.	5	8	9	12
Per Dozen	$7.35	7.70	8.00	8.35

Nos.	234	235	236	237
Weight Each	15 oz.	1 lb 2 oz.	1 lb 6 oz	1 lb 10 oz.
Ap Wt Per Doz., Lbs	16	18½	22	26
Per Dozen	$8 70	9 35	10 00	10.70

VAUGHAN & BUSHNELL

Drop Forged, Crucible Cast Steel, Polished and Temper Blued, Selected Hickory Handle.

Nos.	0	1	2	3
Weight Each	4 oz.	7 oz.	9 oz.	12 oz.
Ap. Wt Per Doz., Lbs.	5	8	10	13
Per Dozen	$7.35	7.70	8.00	8.35

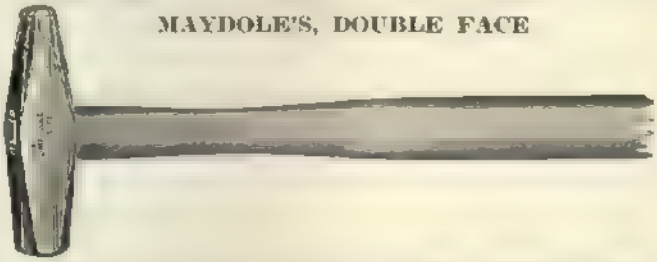
Nos.	4	5	6	7
Weight Each	15 oz	1 lb 2 oz.	1 lb 6 oz.	1 lb 10 oz.
Ap Wt Per Doz , Lbs	16	19	22	35
Per Dozen	$8 70	9.35	10 00	10.70

MAYDOLE'S

Solid Crucible Cast Steel, Full Polished, Selected Hickory Handle.

Nos.	40	41	42	43	44
Weight Each	1 lb 8 oz	1 lb. 2 oz	13 oz.	7 oz.	4 oz.
Ap. Wt. Doz., Lbs.	27	19	14	9	5
Per Dozen	$11.05	9 45	7.80	6 85	6 50

MAYDOLE'S, DOUBLE FACE

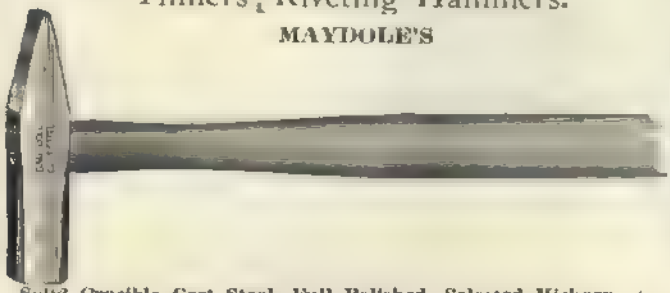


Solid Crucible Cast Steel, Full Polished, Selected Hickory Handle.

Nos.	240	241	242	243	244
Weight Each	1 lb 10 oz.	1 lb. 3 oz.	12 oz.	8 oz.	5 oz
Ap. Wt. Doz., Lbs.	30	20	13	8	6
Per Dozen	$18 55	11 40	9.55	8.30	7 70

Tinners' Riveting Hammers.

MAYDOLE'S

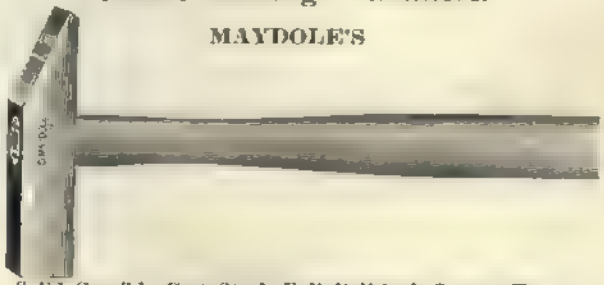


Solid Crucible Cast Steel, Full Polished, Selected Hickory Handle.

Nos.	291	292	293	294	295
Weight Each	1 lb. 8 oz.	1 lb. 4 oz.	1 lb.	12 oz.	8 oz.
Ap Wt Doz , Lbs	27	21	17	13	10
Per Dozen	$12 90	11.80	10.65	9.90	9.15

Tinners' Setting Hammers.

MAYDOLE'S



Solid Crucible Cast Steel, Full Polished, Square Face, Selected Hickory Handle.

Nos.	301	302	303	304	305
Weight Each	1 lb. 8 oz.	1 lb. 4 oz.	1 lb.	12 oz.	8 oz.
Face, Inches	1⅛	1	⅞	¾	⅝
Ap. Wt. Doz., Lbs.	27	21	17	13	10
Per Dozen	$12 90	11.80	10 65	9.90	9.15

Weights EACH Do Not Include Handles.

All Above, One-half Dozen in a Box.

Machinists' Hammers.

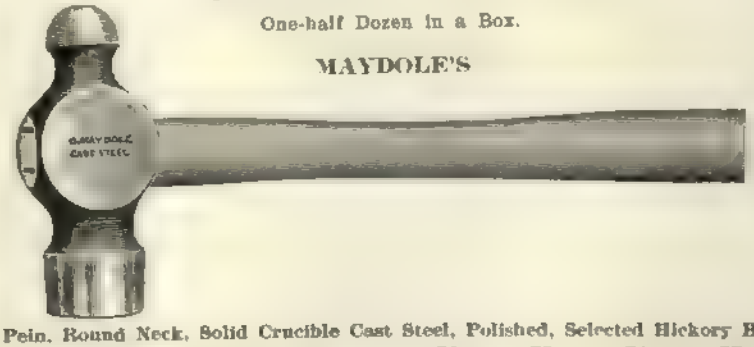
Ball Pein, Octagon Neck, Drop Forged, Crucible Cast Steel, Black Finish, Polished Face, Pein and Sides, Selected Hickory Handle.

Nos.	E5–0	E4–0	E3–0	E2–0	E0	F1	E2
Weight Each	4 oz.	6 oz.	8 oz.	12 oz.	1 lb.	1 lb. 4 oz.	1 lb. 8 oz.
Approx. Weight Per Dozen, Lbs.	5	6¾	10	13	16	21	24
Per Dozen	$7.50	7.50	7.50	7.50	7.80	8.40	9.00

Nos.	E3	E4	E5	E6	E7	E8
Weight Each	1 lb. 12 oz.	2 lb.	2 lb. 4 oz.	2 lb. 8 oz.	2 lb. 12 oz.	3 lb.
Approx. Weight Per Dozen, Lbs.	30	33	36	40	45	50
Per Dozen	$9.60	10.20	10 80	11.70	12 60	13 50

Weights EACH Do Not Include Handles.

One-half Dozen in a Box.



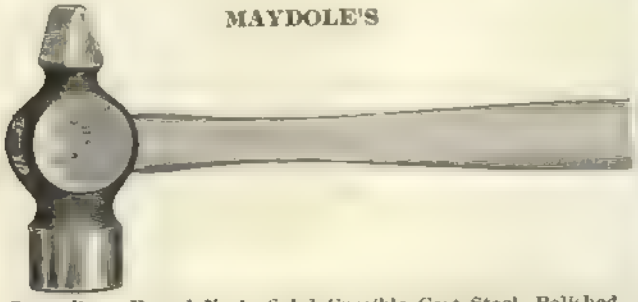
MAYDOLE'S

Ball Pein, Round Neck, Solid Crucible Cast Steel, Polished, Selected Hickory Handle.

Nos.	70	70½	71	72	73	74	75	76	77	78
Weight Each	3 lbs.	2 lb. 4 oz.	1 lb. 14 oz.	1 lb. 8 oz.	1 lb. 4 oz.	1 lb.	13 oz.	10 oz.	7 oz.	5 oz.
Ap. Wt. Per Dozen, Lbs.	50	36	31	24	21	16	14	12	9	6
Per Dozen	$20.00	17 00	15 00	13 50	12 25	11.25	10 50	10 00	9.50	9.25

Weights EACH Do Not Include Handles.

MAYDOLE'S



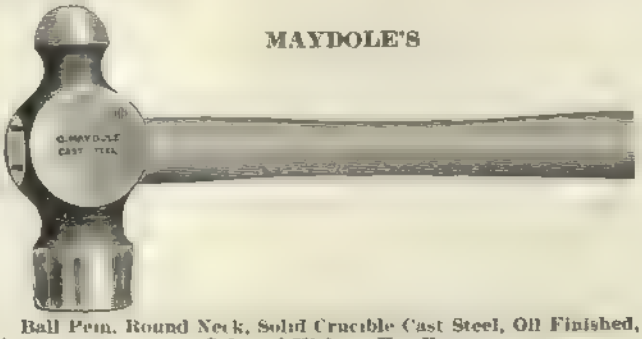
Cross Pein, Round Neck, Solid Crucible Cast Steel, Polished, Selected Hickory Handle.

Nos.	170	170½	171
Weight Each	3 lbs	2 lb 4 oz	1 lb 14 oz
Ap. Wt. Per Doz., Lbs.	50	36	31
Per Dozen	$20.00	17.00	15.00

Nos.	172	173	174
Weight Each	1 lb. 8 oz.	1 lb. 4 oz.	1 lb.
Ap. Wt. Per Doz., Lbs.	24	21	16
Per Dozen	$13 50	12.25	11.25

Nos.	175	176	177	178
Weight Each	13 oz	10 oz.	7 oz.	5 oz.
Ap Wt Per Doz, Lbs	14	12	9	6
Per Dozen	$10 50	10 00	9.50	9 25

MAYDOLE'S



Ball Pein, Round Neck, Solid Crucible Cast Steel, Oil Finished, Selected Hickory Handle.

Nos.	770	770½	771
Weight Each	3 lbs	2 lb 4 oz.	1 lb. 14 oz.
Ap. Wt. Per Doz., Lbs.	50	36	31
Per Dozen	$17.50	14.75	13 00

Nos.	772	773	774
Weight Each	1 lb. 8 oz.	1 lb. 4 oz	1 lb
Ap. Wt. Per Doz., Lbs.	24	21	16
Per Dozen	$11.50	10.50	9 50

Nos.	775	776	777	778
Weight Each	13 oz.	10 oz.	7 oz	5 oz
Ap. Wt. Per Doz., Lbs.	14	12	9	6
Per Dozen	$9.00	8.50	8 00	7 75

Weights EACH Do Not Include Handles.

One-third Dozen in a Box

Bricklayers' Hammers.

ATHA

Solid Cast Steel, Polished, Plain Eye, Selected Hickory Handle.

Nos.	441	442	443
Weight Each	1 lb. 2 oz.	1 lb. 8 oz	2 lb
Ap. Weight Per Dozen, Lbs..	20	24	28
Per Dozen....	$13.20	14 40	15 60

Weights EACH Do Not Include Handles.
One-half Dozen in a Box.

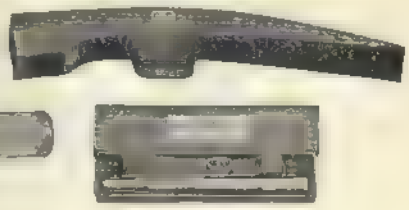
MAYDOLE'S

Solid Crucible Cast Steel, Oil Finish, Selected Hickory Handle.

Nos.	561	562
Weight Each, Lbs..	2¼	1⅞
Ap. Wt. Doz., Lbs..	32	26
Per Dozen.....	$16.40	15 15
Nos.	563	564
Weight Each, Lbs .	1⅝	1
Ap. Wt. Doz., Lbs..	21	16
Per Dozen.....	$13.85	12 60

Weights EACH Do Not Include Handles.
One-third Dozen in a Box.

VLCHEK



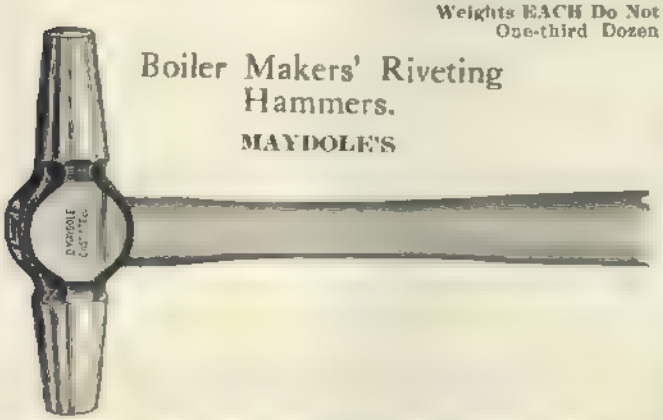
High Grade Crucible Tool Steel, Drop Forged, Natural Finish, Adze Eye, Handle Will Hold without Wedges.

Nos.	1B	2B	3B
Wt. Each, Lbs...	1¾	2	2½
Ap. Wt. Doz., Lbs.	24	28	34
Per Dozen . . .	$18.65	20 00	21.35

Weights EACH Do Not Include Handles.
One-twelfth Dozen in a Box

Boiler Makers' Riveting Hammers.

MAYDOLE'S



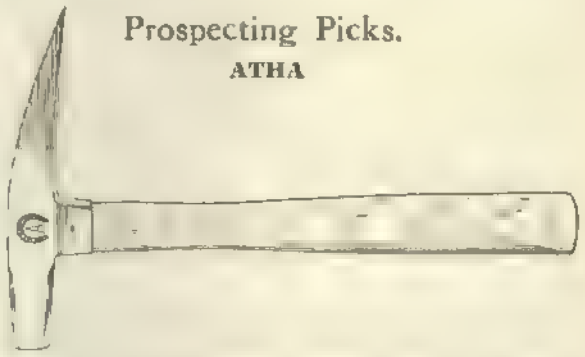
Solid Crucible Cast Steel, Polished, Selected Hickory Handle.

Nos.	0441	0442	0443	0444
Weight Each	3 lb.	2 lb. 10 oz.	2 lb. 6 oz.	2 lb.
Ap. Wt. Doz., Lbs...	42	36	33	30
Per Dozen	$26.50	24.85	23 25	21.60

Weights EACH Do Not Include Handles.
One-quarter Dozen in a Box

Prospecting Picks.

ATHA



Solid Cast Steel, Polished, Selected Hickory Handle.

No.	232
Weight Each	1 lb 8 oz.
Approx. Weight Per Dozen, Lbs	24
Per Dozen .	$16 00

Weight EACH Does Not Include Handle.
One-half Dozen in a Box.

Prospecting Hammers.

Solid Cast Steel, Polished, Selected Hickory Handle.

No.	262
Weight Each	1 lb. 12 oz
Ap. Weight Per Dozen, Lbs.	27
Per Dozen	$13.50

Weight EACH Does Not Include Handle.
One-half Dozen in a Box.

Shoe Hammers.

Solid Cast Steel, Polished.

Nos.	1Y	2Y
Weight Each, Oz.....	13	15
Ap. Wt Per Dozen, Lbs.	14	16
Per Dozen.....	$7.35	7.70

Weights Each Do Not Include Handles
One-half Dozen in a Box.

Cast Steel, Polished.

	Per Dozen
No. 75—Weight Each 1 Lb.....	$4.00

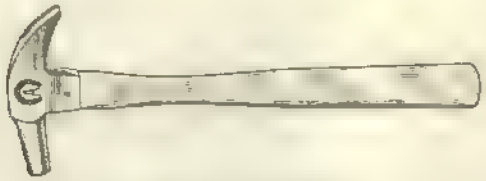
Cast Iron, Japanned.

	Per Dozen
No. 65—Weight Each 1 Lb.....	$1.90

Weights Each Do Not Include Handles.
One Dozen in a Box.

Farriers' Hammers.

ATHA



Cincinnati Pattern.
Solid Cast Steel, Round Poll, Polished, Adze Eye, Hickory Handle.

Per Dozen
No. 210—Weight Each without Handle 10 Oz.. ... $10.35
Approximate Weight Per Dozen 12 Pounds.
One-half Dozen in a Box.

Boston Pattern.
Solid Cast Steel, Octagon Poll, Polished, Adze Eye, Hickory Handle.

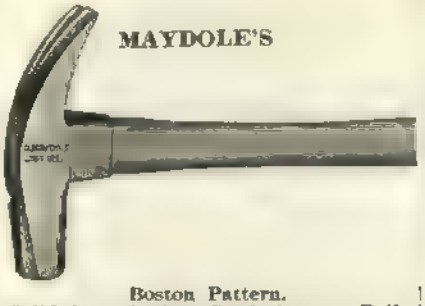
Per Dozen
No. 220—Weight Each without Handle 12 Oz..... ..$12.00
Approximate Weight Per Dozen 15 Pounds
One-half Dozen in a Box.

MAYDOLE'S

Whaleback Claw, Octagon.
Solid Crucible Cast Steel, Octagon Poll, Polished, Adze Eye, Hickory Handle.

Nos.	652	653
Weight Each, Oz....	10	8
Ap. Wt. Doz., Lbs...	10	8
Per Dozen.....	$11.05	10.40

Weights EACH Do Not Include Handles.
One-half Dozen in a Box.



Boston Pattern.
Solid Crucible Cast Steel, Octagon Poll, Polished, Adze Eye, Hickory Handle.

Nos.	152	153
Weight Each, Oz....	10	8
Ap. Wt. Doz., Lbs. .	10	8
Per Dozen	$10 40	9.75

Weights EACH Do Not Include Handles.
One-half Dozen in a Box

Round Pattern.
Sol'd Crucible Cast Steel, Round Poll, Polished, Adze Eye, Hickory Handle.

Nos.	252	253
Weight Each, Oz....	10	8
Ap Wt Doz, Lbs....	10	8
Per Dozen	$9 75	9.10

Weights EACH Do Not Include Handles.
One-half Dozen in a Box.

HELLER'S

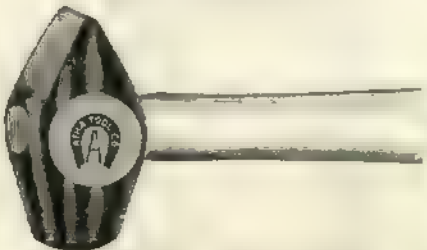
Solid Crucible Cast Steel, Polished, Adze Eye, Hickory Handle.

Per Dozen
No. H64—Weight Each 11 to 20 Oz., with Handle. $13 00
Approximate Weight Per Dozen 18 Pounds.

Per Dozen
No. H65—Weight Each 16 to 20 Oz., with Handle. $16.20
Approximate Weight Per Dozen 18 Pounds.

One-half Dozen in a Box.

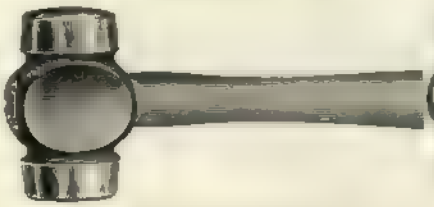
ATHA, TURNING



Solid Cast Steel, Hickory Handle.

Per Dozen
No. 470—Full Polished, Weight Each 2 Lbs 4 Oz.....$30 60
No. 470½—Half Polished, Weight Each 2 Lbs. 4 Oz... 27 00
Approx. Weight Per Dozen 33 Pounds.
Weights EACH Do Not Include Handles.
One-third Dozen in a Box

MAYDOLE'S, ROUNDING AND FITTING

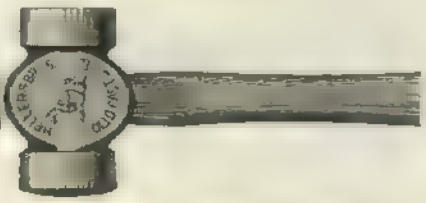


Solid Crucible Cast Steel, Polished Faces, Hickory Handle.

Per Dozen
No. 212—Weight Each 3 Lbs. 8 Oz. $20.40

Approx. Weight Per Dozen 36 Pounds.
Weight EACH Does Not Include Handle.
One-half Dozen in a Box.

HELLER'S, ROUNDING AND FITTING



Solid Crucible Cast Steel, Polished Face, Hickory Handle.

Per Dozen
No. H61—Weight Each 2 Lbs. 3 Oz. $34.60

Approx. Weight Per Dozen 32 Pounds
Weight EACH Does Not Include Handle.
One-half Dozen in a Box

Coffee Mills.

ENTERPRISE

Side or Wall. Grinds 6 Oz. Per Minute.

	Each
No. 00 9 in. High, Capacity of Hopper 4 Oz., Fancy Painted Iron Hopper	$2 35

Weight Each About 6 Pounds

Twelve in a Case.

With Table Clamp, Grinds 6 Oz. Per Minute.

	Each
No. 0 11½ in. High, Capacity of Hopper 4 Oz., Fancy Painted Iron Hopper	$2.70

Weight Each About 5 Pounds

Twelve in a Case

Closed Open

Grinds 6 Oz. Per Minute

	Each
No. 1—12½ in. High, Capacity of Hopper 4 Oz., Fancy Painted Iron Hopper	$3 95

Weight Each About 10 Pounds

Twelve in a Case.

Fancy Decorations, Iron Hopper.

	Each
No. 2—12½ in. High, 8¾ in. Diameter Wheels, Capacity of Hopper 4 Oz., Grinds 6 Oz. Per Minute Weight Each About 15 Lbs	$ 6 70
No. 3 15 in. High, 10¾ in. Diameter Wheels, Capacity of Hopper ½ Lb., Grinds ½ Lb. Per Minute, Weight Each About 22½ Lbs.	9.80

Six in a Case.

No. 5—17 in. High, 12½ in. Diameter Wheels, Capacity of Hopper ¾ Lb., Grinds ¾ Lb. Per Minute, Weight Each About 36 Lbs.	14.25

Three in a Case

Fancy Decorations, Iron Hopper.

	Each
No. 7 —21½ in. High, 17 in. Diameter Wheels, Capacity of Hopper 1¾ Lbs., Grinds 1 Lb. Per Minute	$19 45

Weight Each About 62 Pounds.

One in a Crate.

Nos. 4, 6 and 8.

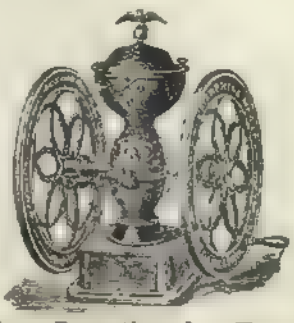
Fancy Decorations, Nickel Plated Hopper.

	Each
No. 4—20½ in. High, 10¾ in. Diameter Wheels, Capacity of Hopper ¾ Lb., Grinds ½ Lb. Per Minute, Weight Each About 22 Lbs.	$14.25
No. 6—24 in. High, 12½ in. Diameter Wheels, Capacity of Hopper 1¾ Lbs. Weight Each About 35 Lbs.	21 35

One in a Case

No. 8—27 in. High, 17 in. Diameter Wheels, Capacity of Hopper 2¼ Lbs., Weight Each About 59 Lbs.	26.40

One in a Crate and Box



Fancy Decorations, Iron Hopper.

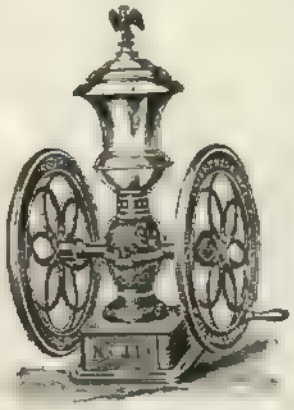
	Each
No. 9—24 in. High, 19½ in. Diameter Wheels, Capacity of Hopper 3 Lbs., Grinds 1 Lb. in 75 Turns	$28 40

Weight Each About 107 Pounds

One in a Crate

Coffee Mills.

ENTERPRISE



No. 10

Fancy Decorations, Nickel Plated Hopper.

Each

No. 10—28 in. High, 19½ in. Diameter Wheels, Capacity of Hopper 4½ Lbs. $37.30

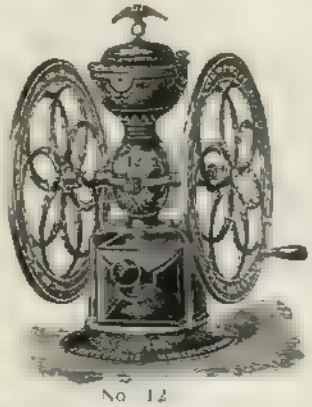
Weight Each About 102 Pounds.
One in a Crate and Box

Fancy Decorations, Iron Hopper.

Each

No. 12—32 in. High, 25 in. Diameter Wheels, Capacity of Hopper 5 Lbs., Grinds 1 Lb. in 50 Turns... $42.05

Weight Each About 141 Pounds
One in a Crate.



No. 12

Box Coffee Mills.

ARCADE

Iron Hopper, High Grade Grinders, Patent Lock-Nut Adjustment.

Per Dozen

No. 100—3¾x5¾x6½ in. Dovetailed Varnished Hardwood Box, Black Enameled Iron Parts..... $5.60

Weight Per Dozen About 32 Pounds.
One-half Dozen in a Case.

Large Open Cast Iron Hopper, High Grade Grinders, Lock-Nut Adjustment.

Per Dozen

No. 257—3¾x5¾x6½ in. Dovetailed Varnished Hardwood Box, Black Enameled Iron Parts, Weight Per Dozen About 36 Lbs..... $7 35

No. 277—7x7x8 in., Otherwise Same as No. 257, Weight Per Dozen About 58 Lbs. 8 50

One-half Dozen in a Box

Closed Iron Hopper, Hinged Cover, High Speed Grinders, Lock-Nut Adjustment.

Per Dozen

No. 147—7x7x8 in. Dovetailed Selected Hardwood Box, Highly Polished and Varnished, Gold Bronzed Iron Parts $10 60

Weight Per Dozen About 56 Pounds.
One-half Dozen in a Box.

Varnished Hardwood Box, Black Enameled Iron Parts.

Per Dozen

No. 107A—6¾x6¾x8 in. Dovetailed Box, Iron Hopper, with Shield, Weight Per Dozen About 50 Lbs..... $8.00

No. 377—7x7x8 in. Dovetailed Box Heavy Tin Hopper, with Shield, Weight Per Dozen About 50 Lbs..... 8.90

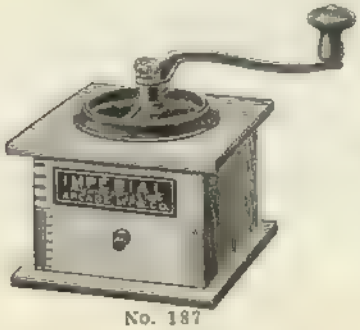
One-half Dozen in a Box.

Closed Iron Hopper, Hinged Cover, High Speed Grinders, Lock-Nut Adjustment.

Per Dozen

No. 47—7x7x8 in. Dovetailed Varnished Hardwood Box, Black Enameled Iron Parts $10 70

Weight Per Dozen About 60 Pounds
One-Half Dozen in a Box



No. 187

Sunk Iron Hopper, with Shield, Patent Lock Adjustment.

Per Dozen

No. 187—7x7x7 in. Dovetailed Varnished Hardwood Box, Black Enameled Metal Parts $7 80

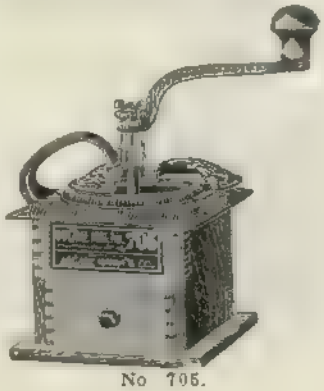
Weight Per Dozen About 58 Pounds

Iron Top and Sunk Hopper with Hinged Cover, Side Handle, Patent Lock Adjustment.

Per Dozen

No. 705—6x6x6¾ in. Dovetailed Varnished Hardwood Box, Arcadian Bronzed Iron Parts $10 85

Weight Per Dozen About 60 Pounds
One-half Dozen in a Box



No. 705.

Box Coffee Mills.

Japanned Iron Hopper.

Per Dozen

No. 118—5x5x3⅛ in. Dovetailed Hardwood Box $6.15

Weight Per Dozen About 40 Pounds

PARKER

Japanned Iron Hopper.

Per Dozen

No. 102—5⅜x5¼x3⅛ in Dovetailed Hardwood Box..... $10.60

No. 103—5x5x3⅛ in. Dovetailed Hardwood Box..... 10 00

No. 104—5x5x3 in. Dovetailed Hardwood Box ... 8 90

Weight Per Dozen About 50 Pounds

One-half Dozen in a Box.

Japanned Iron Hopper.

Per Dozen

No. 170—6⅛x6x4¼ in. Dovetailed Hardwood Box . . . $12 25

Weight Per Dozen About 64 Pounds

Japanned Iron Hopper, Double Grinders.

Per Dozen

No. 25—6⅛x6x4¼ in Dovetailed Hardwood Box....$15 60

Weight Per Dozen About 76 Pounds.

Britannia Hopper, Double Grinders.

Per Dozen

No. 35—6⅛x6x4¼ in Dovetailed Hardwood Box... $19 45

Weight Per Dozen About 76 Pounds

One-half Dozen in a Box.

Britannia Hopper, Hardwood Box.

Per Dozen

No. 106—5⅜x5¼x3⅛ in. Dovetailed Box.....$13.85

No. 107—5 x x3⅛ in. Dovetailed Box..... 12.80

Weight Per Dozen About 60 Pounds.

Wood Top, Bronzed Iron Covered Hopper.

Per Dozen

No. 330—4¼x4x4 in. Dovetailed Hardwood Box...$10.60

No. 331—4¼x5x4¼ in. Dovetailed Hardwood Box... 11 70

Weight Per Dozen About 75 Pounds

One-half Dozen in a Box.

Nos 430 and 431

Bronzed Iron Top and Covered Hopper, with Handle.

Per Dozen

No. 430—4½x4½x4¼ in. Dovetailed Hardwood Box $11.70

No. 431—5x5x4¾ in. Dovetailed Hardwood Box. 12 60

Weight Per Dozen About 60 Pounds

Per Dozen

No. 432—5x5x4¾ in. Dovetailed Hardwood Box $13 15

Weight Per Dozen About 76 Pounds.

One-half Dozen in a Box

No 432

Box Coffee Mills.

PARKER

Wood Top, Bronzed Iron Covered Hopper, Hardwood Box, for Coffee and Spice.

	Per Dozen
No. 300—4 x4½x4 in. Dovetailed Box	$10 00
No. 301—4½x5 x4¼ in. Dovetailed Box	10.70
No. 302—5¼x5¼x4½ in. Dovetailed Box	11.40
No. 325—5¼x5¼x4¾ in. Dovetailed Box, Double Grinders	14 70

Weight Per Dozen About 70 Pounds.

Bronzed Iron Top and Covered Hopper, Hardwood Box, for Coffee and Spice.

	Per Dozen
No. 400—4½x4½x4¼ in. Dovetailed Box	$10 70
No. 401—5 x5 x4¾ in. Dovetailed Box	11.70

Weight Per Dozen About 52 Pounds.

One-half Dozen in a Box

Bronzed Iron Top and Covered Hopper, for Coffee and Spice.

	Per Dozen
No. 402—5x5½x4¾ in. Dovetailed Box	$12.25

Weight Per Dozen About 70 Pounds.

Box Canister, Bronzed Iron Top and Covered Hopper, Rapid Grinder, with Handle.

	Per Dozen
No. 541—5¼x5¼x7¾ in. Dovetailed Box, Canister Holds 1 Lb. of Coffee	$14.70

Weight Per Dozen About 90 Pounds

One-half Dozen in a Box.

SUN

No. 1080

Box Canister, Wood Top, New Improved Adjustment, Bronzed Iron Castings, Thumb Screw Regulator, Round Tin Side Wood Bottom Drawer, Side Handle

	Per Dozen
No. 1080—6⅝x6⅝x7⅝ in. Dovetailed Box, Canister Holds 1 Lb. Coffee	$8 35

Weight Per Dozen About 50 Pounds

One-half Dozen in a Box.

UNIVERSAL

No. 110

Box Canister, All Sheet Steel, Black Enameled, Handsomely Ornamented, Patent Adjusting Device, with Side Handle.

	Per Dozen
No. 110—6⅝x6⅝x8½ in. Box, Canister Holds 1 Lb. of Coffee	$13 00

Weight Per Dozen About 33 Pounds

CROWN

No. 21

All Sheet Steel, Black Enameled, Brass Covered Hopper, Patent Adjustment.

	Per Dozen
No. 21—6⅝x6⅝x5¼ in. Box	$22 25

Weight Per Dozen About 30 Pounds

One-half Dozen in a Box

Coffee Mills.

CRYSTAL

Canister Holds 1 Lb. of Coffee.

		Per Dozen
No. 2K	Black Enameled Iron Frame Glass Hopper and Tumbler, Bright and Clear, Coffee Always in Sight, Rubber Cushion Clamps for Holding Tumbler, Pulverizes Coffee if Desired	$15.15

Weight Per Dozen About 120 Pounds.

One in a Wooden Box; One-half Dozen in a Case

	Per Dozen
Extra Glass Hoppers, for Above Mill	$3.35
Extra Glass Tumblers, for Above Mill	1.15

X-RAY

Canister Holds 1 Lb. of Coffee.

		Per Dozen
No. 1X—	Varnished Hardwood Frame and Hopper with Glass Front, Coffee Always in Sight, Easy to Regulate, for Grinding Fine and Coarse, Black Enameled Iron Cup	$10 00

Weight Per Dozen About 54 Pounds

One-half Dozen in a Box

REGAL

Canister Holds 1 Lb. of Coffee.

No. 44.

		Per Dozen
No 44—	Japanned Iron Body, Sheet Metal Hopper and Canister, Screw Top, Detachable Steel Cup	$8.90

Weight Per Dozen About 50 Pounds.

UNIVERSAL

Improved Adjusting Device.

		Per Dozen
No. 010—	Japanned Iron Frame and Hopper, Powerful Grinders, Can be Clamped to Table	$12.80

Weight Per Dozen About 62 Pounds

One-half Dozen in a Box

No 010

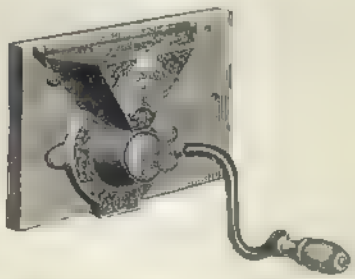
Side Coffee Mills.

PARKER

Japanned, Detachable Receptacle.

		Per Dozen
No. 150	All Iron Frame and Upper Thumb Screw Adjustment	$11.70

Weight Per Dozen About 55 Pounds.



Bronzed Iron Hopper, Wood Back.

		Per Dozen
No. 360—	Medium, 5¼x2¼ in	$10 00

Weight Per Dozen About 58 Pounds.

One-half Dozen in a Box.

Japanned Steel Hopper, Wood Back.

		Per Dozen
No. 60—	Medium, Weight Per Dozen About 50 Lbs	$ 7 80
No. 90—	Extra Large, Hotel Size. Weight Per Dozen About 110 Lbs	24.50

Boxing Gloves.

REACH

Per Dozen Sets

No. A—Boys', Wine Tan Leather. Brown Canvas Palms, Well Stuffed with Hair, Patent Laced Wrist, Palm Grip $26.65

Per Dozen Sets

No. 2—Men's, All Wine Tan Leather, Well Stuffed with Hair, Palm Grip, Laced Wrist $36 00

Per Dozen Sets

No. 3—Men's, 8 Oz., Corbett Pattern, Fine Brown Tan Leather, Wine Tan Palms, Padded Cuffs, Filled with Good Quality Curled Hair, Palm Grip, Patent Laced Wrist $53 30

Per Dozen Sets

No. 51—Men's, 8 Oz., Corbett Pattern, Fine Olive Tan Napa Kid, Olive Tan Palms, Black Padded Cuffs, Patent Perspiration Proof Lining, Filled with Good Quality Curled Hair, Patent Laced Wrist, Black Adjustable Palm Grip $62.20

Per Dozen Sets

No. AL—Boys', Olive Tan Leather, Brown Tan Palms, Well Stuffed with Hair, Laced Wrist, Palm Grip $28 00

Per Dozen Sets

No. D—Men's, 8 Oz., Corbett Pattern, Fine Wine Tan Leather, Brown Tan Palms and Cuffs, Well Stuffed with Hair, Palm Grip, Patented Full Laced Wrist . . . $44.45

Per Dozen Sets

No. 3X—Men's, 8 Oz., Corbett Pattern, Fine Olive Tan Leather, Padded Cuffs, Filled with Good Quality Curled Hair, Patent Laced Wrist $53.30

Per Dozen Sets

No. 45—Men's, 8 Oz., Corbett Pattern, Wine Tan Kid, Olive Tan Palms, Wine Padded Cuffs, Patent Perspiration Proof Lining, Filled with Good Quality Curled Hair, Patent Laced Wrist, Wine Leather Adjustable Palm Grip $73.30

Per Dozen Sets

No. AC—Boys', Corbett Pattern, Fine Wine Tan Leather, Black Tan Palms, Well Stuffed with Hair, Patent Laced Wrist, Adjustable Palm Grip $45 30

Per Dozen Sets

No. DX—Men's, 8 Oz., Corbett Pattern, Fine Brown Tan Leather, Olive Tan Palms, Well Stuffed with Hair, Palm Grip, Patented Full Laced Wrist $46 65

Per Dozen Sets

No. 50—Men's, 8 Oz., Corbett Pattern, Fine Olive Tan Kid, Wine Tan Palms, Olive Padded Cuffs, Patent Perspiration Proof Lining, Filled with Good Quality Curled Hair, Patent Laced Wrist, Olive Adjustable Palm Grip $63 95

Per Dozen Sets

No 44—Men's, 8 Oz., Corbett Pattern, Fine Wine Tan Kid, Black Tan Palms, Black Padded Cuffs, Patent Perspiration Proof Lining, Filled with Good Quality Curled Hair, Patent Laced Wrist, Wine Leather Adjustable Palm Grip $71 05

We can furnish Reach Catalogs containing the Resale Prices on the above items.

Boxing Gloves.

REACH

Per Dozen Sets

No. 11—Men's, 8 Oz. Corbett Pattern, Finest Olive Napa Tan Leather, Olive Napa Tan Palms, Wine Padded Cuff, Filled with Fine Quality Curled Hair, Patent Perspiration Proof Lining, Wine Leather Patent Adjustable Palm Grip, Patent Laced Wrist $80.00

Per Dozen Sets

No. 6—Men's, 8 Oz. Corbett Pattern, Finest Olive Napa Tan Leather, Brown Tan Palms, Filled with Fine Quality Curled Hair, Olive Padded Cuffs, Patent Perspiration Proof Lining, Olive Leather Patent Adjustable Palm Grip, Patent Laced Wrist $93 25

Per Dozen Sets

No. 7—Men's, 8 Oz., Corbett Pattern, Finest Black Tan Leather, Trimmed with White Leather, Filled with Fine Quality Curled Hair, Patent Perspiration Proof Lining, White Palm Grip, Padded Cuffs, Patent Laced Wrist $88 80

Per Dozen Sets

No. 90—Men's, 8 Oz., Corbett Pattern, Finest Quality Brown Colored Kid, Olive Palm, Filled with Best Quality Curled Hair, Brown Kid Padded Cuffs, Patent Perspiration Proof Lining, Patent Adjustable Oxblood Palm Grip, Patent Laced Wrist $93 25

Per Dozen Sets

No. 93—Men's, 8 Oz., Corbett Pattern, Finest Quality Craven Tan Kid, Filled with Best Quality Curled Hair, Olive Padded Cuffs, Patent Perspiration Proof Lining, Olive Patent Adjustable Palm Grip, Patent Laced Wrist $106.60

Per Dozen Sets

No. 98—Men's, 8 Oz., California Pattern, Finest Quality Olive Napa Kid, Filled with Best Quality Curled Hair, Patent Perspiration Proof Lining, Patent Adjustable Palm Grip, Padded Cuffs, Side Pads and Patent Laced Wrist $106 60

No. 96

No. 99.

Per Dozen Sets

No. 96—Men's, 8 Oz., Corbett Pattern, Finest Quality Dark Brown Tan Kid, Filled with Best Quality Curled Hair, Padded Cuffs, Patent Perspiration Proof Lining, Patent Adjustable Palm Grip, Patent Laced Wrist, New Patent Safety Device..... $124 35

No. 99—Instructors', 10 Oz., Corbett Pattern, Finest Brown Tan Kid, Filled with Superior Curled Hair, Padded Cuffs, Patent Adjustable Palm Grip, New Patent Laced Wrist, Patent Perspiration Proof Lining, All Parts Made Extra Strong..... 106 60

No. 94—Instructors', Corbett Pattern, Finest Quality Brown Tan Leather, Filled with a Special Material which is Light and Cannot Hurt the One Being Struck, Padded Cuffs, Patent Perspiration Proof Lining, Patent Palm Grip, Patent Laced Wrist..... 124 35

No. 94.

No. 120

No. 158.

Per Dozen Sets

No. 120—Instructors' and Pupils', Corbett Pattern, Finest Brown Tan Leather, Extra Padding at Wrist and Forearm, Filled with Superior Curled Hair, Patent Perspiration Proof Lining, Patent Adjustable Palm Grip, Patent Laced Wrist..... $133 20

No. 158—Men's, 8 Oz., Corbett Pattern, Finest Quality Green Napa Kid, Filled with Finest Quality Curled Hair, Padded Cuffs, Side Pads, Patent Perspiration Proof Lining, Patent Adjustable Palm Grip, Patent Laced Wrist, All Parts Made Extra Strong.. 133 20

No. 10—The Corbett, Finest Imported Glove Kid, Filled with Superior Curled Hair, Padded Cuffs, Patent Perspiration Proof Lining, Patent Adjustable Palm Grip, Patent Laced Wrist

Weight, Oz	5	6	8
Per Dozen Sets.....	$142 10	142 10	142 10

No. 10.

We can furnish Reach Catalogs containing the Resale Prices on the above items.

Fighting Gloves.

REACH

Per Dozen Sets

No. 97—5 Oz., Fighting Pattern, Finest Chocolate Colored Kid, Filled with Superior Quality Curled Hair, Padded Cuffs, Patent Adjustable Palm Grip, Patent Perspiration Proof Lining, Patent Laced Wrist $93 25

Per Dozen Sets

No. 85—5 Oz., Fighting Pattern, Fine Olive Napa Tan Kid, Filled with Best Curled Hair, Padded Cuffs, Patent Adjustable Palm Grip, Patent Perspiration Proof Lining, Patent Laced Wrist.. $71.05

Per Dozen Sets

No. 80—5 Oz., Fighting Pattern, Fine Wine Tan Leather, Filled with Best Curled Hair, Padded Cuffs, Patent Adjustable Palm Grip, Patent Perspiration Proof Lining, Patent Laced Wrist.. $60 60

No. 86—6 Oz., Fighting Pattern, Otherwise Same Description as No. 80 ..... 71.05

Fighting Gloves.

REACH

No. 84.

Per Dozen Sets

No. 84—5 Oz., Fighting Pattern, Fine Wine Tan Leather, Brown Tan Leather Palms, Filled with Best Curled Hair, Padded Cuffs, Patent Adjustable Palm Grip, Patent Perspiration Proof Lining, Patent Laced Wrist.. .... $53 30

No. EP

Ear Protectors.

REACH

Per Dozen for

No. EP—Ear Protectors, Boxers $26 65

Designed for use by a Boxer in training to prevent receiving a tin or cauliflower ear or to save from injury one already afflicted this way.

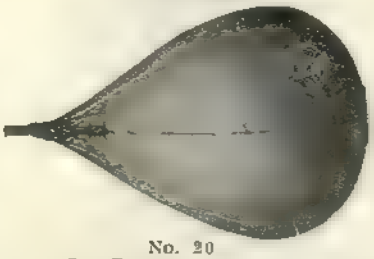
A tin or cauliflower ear is brought about by the breaking of small bones or cartileges, causing the ear to assume a swollen appearance and to become very painful

Striking Bags.

REACH

SWINGING

Nos. 40, 35, 30, 18, 15 and 13



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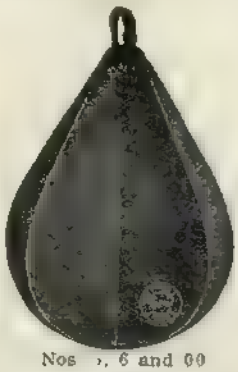


Nos 1, 6 and 00

Per Dozen

No. 0—Boys' Size, Brown Tan Leather..... $26 65

No. 00—Duo-Tone, Boys' Size, Brown and Wine Tan Leather, Alternating Sections.. ..... 28 00

No. 3½—Boys' Size, Olive Leather, Stayed Seams... 36.00

No. 4—Men's Size, Fine Black Tan Leather, Red Welt 44 40

No. 4½—Regulation Size, Pear Shape, Fine Wine Tan Leather, Welted and Stayed Seams..... 53 30

No. 5—Duo-Tone, Regulation Size, Pear Shape, Fine Brown and Black Tan Leathers, Alternating Sections, Hand Welted Seams..... 53 30

No. 10—Regulation Size, Pear Shape, Finest Ox Blood Leather, Welted and Stayed Seams.. 62 20

No. 12—Regulation Size, Pear Shape, Finest Olive Tan Leather, Welted and Stayed Seams.. 71 05

No. 6—Duo-Tone, Regulation Size, Finest Selected Olive Tan and Ox Blood Leathers, Alternating Sections, Hand Welted Seams... ... 71.05

No. 13—Regulation Size, Pear Shape, Finest Brown Tan Leather, White Hand Welted Seams 80 00

Per Dozen

No. 15—Regulation Size, Pear Shape, Finest Selected Craven Tan Leather, Hand Welted Seams, New Model $88 80

No. 16—Gymnasium, Regulation Size, Finest Brown Grain Calfskin, Welted and Stayed Seams... 93 25

No. 18—Regulation Size, Pear Shape, Fine Ecru Calf, Hand Welted Seams, Extra Strong, New Model 106 60

No. 30—The Corbett, Regulation Size, Pear Shape, Finest California Napa Tan Leather, Hand Welted Seams, Guaranteed in Every Particular, New Model 106 60

No. 35—Special, Professional Size, Pear Shape, Finest Black Kangaroo Leather, Hand Welted Seams, Extra Strong, Yet Light in Weight, New Model 124.35

No. 20—Gymnasium, Regulation Size, Pear Shape, Finest Selected French Calfskin, Hand Welted Seams, New Model..... 124 35

No. 40—Professional, Pear Shape, Highest Quality Brown Mocha Kid, Special Tanned, Hand Welted Seams, Weight with Bladder 8 Oz., New Model 142 10

Average Weight Per Dozen About 12 Pounds

All Above Bags are Put up Complete with Pure Para Rubber Bladder, Suspending Cord and Lace.

We Can Furnish Reach Catalogs Containing Resale Prices on the Above Items.

Striking Bags.

REACH

DOUBLE END

Nos. 0D, 2D, 3½D, 4D

		Per Dozen
No. 0D	—Boys' Size, Craven Tan Leather, Olive Tan Trimmings	$20.30
No. 2D	—Boys' Size, Brown Tan Leather, Olive Trimmings, Stayed Seams	36 00
No. 3½D	—Boys' Size, Olive Tanned Leather, Welted and Stayed Seams	44 40
No. 4D	—Black Tan Leather, Red, Welted and Stayed Seams, Cherry Red Trimmed	58.30
No. 4½D	—Regulation Size, Fine Wine Tan Leather, Brown Trimmings, Welted and Stayed Seams	62.20
No. 10D	—Regulation Size, Finest Ox Blood Leather, Welted and Stayed Seams, Patented Fixture at Bottom	71.05
No. 12D	—Regulation Size, Finest Olive Tan Leather, Welted and Stayed Seams, Patented Fixture at Bottom	80 00

Nos. 10D to 30D

Per Dozen

No. 28D—Regulation Size, Finest Pearl Colored Leather, Hand Welted and Stayed Seams, Patented Fixture at Bottom **$88 80**

No. 30D—The Corbett, Regulation Size, Finest California Napa Tan Leather, Hand Welted and Stayed Seams, Patented Fixture at Bottom **106 60**

Average Weight Per Dozen About 12 Pounds

All Double End Bags are Put up Complete with Pure Para Rubber Bladder, Rubber Cord for Floor, Suspending Cord for Ceiling and Screw Eyes

Striking Bag Gloves.

REACH

No. 1

No. 2

No. 4

No. 6

No. 5

Per Dozen Pairs

No. 1—Corbett, Finest Imported French Glove Kid, Padded with Best Felt	$35 55
No. 2—Finest California Green Napa Kid, Padded with Best Felt	26 65
No. 4—Finest Brown Tan Leather, Padded with Best Felt	17 75
No. 6—Fine Olive Tan Leather, Padded with Best Felt	13 35
No. 5—Finest Brown Tan Kid, Padded with Best Felt	8 90

Average Weight Per Dozen Pairs About 4 Pounds

Striking Bag Swivels.

No. 335

Per Dozen

No. 335—Plain, Japanned **$4 45**

No. 309—Ball Bearing, Nickel Plated on Copper, Handsomely Ornamented **8.90**

Weight Per Dozen About 5 Pounds

No. 309.

No. 337.

Per Dozen

No. 387 — Professional. Detachable Ball Bearing, Nickel Plated on Copper, Handsomely Ornamented, Weight Per Dozen About 7½ Lbs. **$16.35**

No. 10X

No. 10X—Hart, Nickel Plated, Can be Used in Three Position, Ceiling, Wall and Floor, Weight Per Dozen About 4 Lbs. **18 65**

Reach Inflators.

Pocket Size. Per Dozen

No. 1—Diameter ⅞ in., Extreme Length 7¼ in., Brass, Nickel Plated **$4.00**

Weight Per Dozen About 3½ Pounds

For Foot Balls, Striking Bags, Basket Balls, Etc

Club Size. Per Dozen

No. 2—Diameter 1½ in., Extreme Length 13½ in., Brass, Nickel Plated **$9 85**

Weight Per Dozen About 7½ Pounds

Reach Inflators.

Pocket Size. Per Dozen

No. 1R—Nickel Plated **$6.10**

For Foot Balls, Striking Bags, Basket Balls, Etc.

Weight Per Dozen About 2 Pounds

Rubber Elastic Cords.

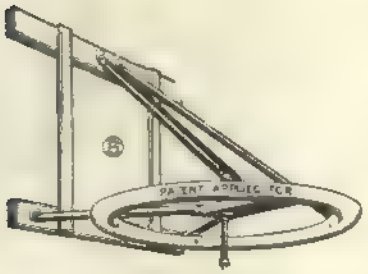
For Double End Striking Bags. Per Dozen

No. 16 Heavy Weight, Loop End, Length 3 ft. **$4 45**

We can furnish Reach Catalogs containing the Resale Prices on the above items.

Striking Bag Platforms.

REACH

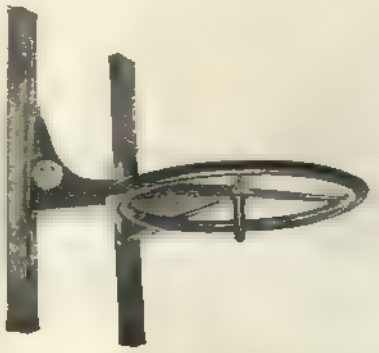


Without Bag.

	Each
No. 1 Pressed Steel, Finely Enameled	$11 10

This Pressed Steel Platform or Disk has an entirely New Frame Construction, will not rattle or get out of order. It is strong, light, compact, finely finished and noiseless. Can be readily attached to any wall.

Weight Each About 12 Pounds.



Without Bag.

	Each
No. 1A Cast Steel, Strongly Constructed, Adjustable	$11 45

A splendid Platform for Home or Gymnasium Use. A slight turn of a wrench loosens or tightens the adjustment and permits the raising or lowering of Platform to suit the individual taste of the user.

Weight Each About 15 Pounds

LIGHTNING

Attached to Side Wall

Attached to Ceiling

LIGHTNING

Without Bag.

Made of Clear Indiana White Oak, Natural Oil Finish, Hard Maple Rim, Attached to Frame by Means of Strong Metal Stirrups, 1 in. Rubber Cushions Between Frame and Stirrups to Absorb the Shock and Deaden the Noise, Can be Quickly Attached to Any Wall or Ceiling and is Absolutely Rigid in Position.

	Each
Lightning—All Metal Parts, Japanned	$4 45

Weight Each About 8 Pounds

RACINE

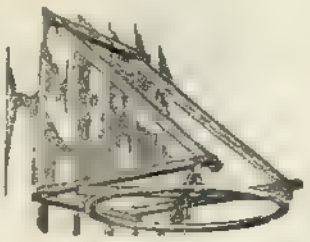
Without Bag.

Selected Hardwood, Neatly Finished, Securely Bolted, Maple Rim, Oil Finished, Four Crucible Steel Compressed Springs Between Rim and Frame, Acting as Cushions and Absorbing All Vibration, Metal Swivel, Adjustable Bag Rope. Platform Can be Easily Adjusted to a Wall or Ceiling and is Very Rigid when in Position for Use

	Each
No. 10—All Metal Parts Nickel Plated, Mahogany or Mission Finish	$8 90
No. 11—Nickel Plated Swivel and Springs, Plain Natural Wood Finish	6 70
No. 12—Japanned Swivel and Springs, Plain Natural Wood Finish	6 00

Weight Each About 8 Pounds

RACINE

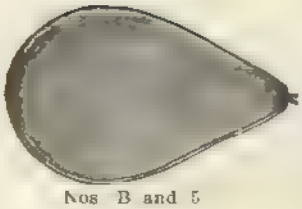


Attached to Side Wall

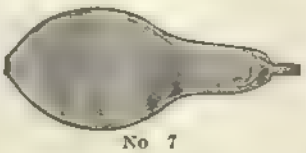
Attached to Ceiling

Striking Bag Bladders.

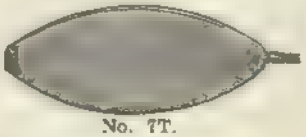
REACH



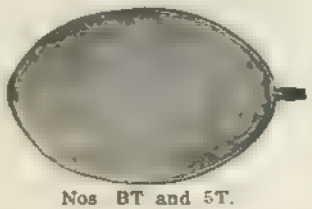
Nos. B and 5



No. 7



No. 7T.



Nos. BT and 5T.

Pure Para Rubber, Thoroughly Tested.

	Per Dozen
No. 7—For Single End Bags Nos. 16, 18, 20, 30, 35 and 40	$17.75
No. 5—For Single End Bags Nos. 4, 4½, 5, 6, 10, 12, 13 and 15	14.65
No. B—For Single End Bags Nos. 0, 00 and 3½	12.00
No. 7T—For Double End Bags Nos. 28D and 30D	$17.75
No. 5T—For Double End Bags Nos. 4D, 4½D, 10D and 12D	14 65
No. BT—For Double End Bags Nos. 0D, 2D and 3½D	12 00

BUCKSKIN, SEAMLESS

	Per Dozen
No. 1—Medium Size, Pear Shape, Top Stem	$13.35
No. 2—Large Size, Pear Shape, Top Stem	15.54
No. 11—Medium Size, Pear Shape, Side Stem	$13 35
No. 22—Large Size, Pear Shape, Side Stem	15 54

Average Weight Per Dozen 1½ Pounds

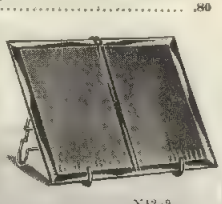
We can furnish Reach Catalogs containing the Resale Prices on the above items.

Pictures and Post Card and Photo Frames

No. N9927. Pictures, oval metal frames finished in assorted colors, size 3½x4½ inches, with metal hanger. Per dozen ..... .40

No. N9926. Oval Picture, metal frame, size 5½x7 inches, with assorted pictures and landscapes, finish in assorted colors to represent different kinds of wood. Per dozen ..... .80

N4253



N4254

No. N4253. Post Card Frame, with colored post cards, plate glass beveled edge, collapsible gilt wire easel back. The card is placed behind the glass and held in position by the wire frame; upright style. Dozen ..... .40

No. N4254. As above, horizontal. Dozen ..... .40

No. N4255. Plate Glass Photo Frame, 6½x11¼ in upright shape, beveled edge, collapsible gilt wire frame back. Picture is held between frame and glass. One half dozen in box. Gross ..... 7.50 | Dozen ..... .65

No. N4256. Plate Glass Photo Frame, as above with wider ground bevel and heavier frame; may be set up or hung on wall. ½ dozen in box. Dozen ..... .75

No. N4257. Plate Glass Photo Frame, as No. 4256 frame with ball clasp top and bottom and hanger. Gross ..... 14.00 Dozen 1.25

No. N4258. Photo Frame, extra heavy plate glass, polished bevel edge, ground pattern bottom, gilt decorated paper mat back, heavy frame. 1-6 dozen in box. Dozen 2.00

No. N4259. Double Photo Frame, extra heavy plate glass, polished bevel edge. This holds two cabinet photos, wire collapsible frame, paper mat, ground border at bottom, gold and black stripe through center, each in box, fine dollar seller. Per dozen.... 6.00

Stereoscopes

No. N2250. Stereoscope, a good low price strongly constructed scope. Frame made of select cherry wood, natural finish, full size, hood is of fibre, lacquered rosewood finish, one inch high grade crystal lenses, with screw handle in bottom, adjustable slide. Dozen 2.25

No. N2251. Stereoscope, oil finished cherry frame with three-ply veneer wood hood finished in lacquer, 1 inch lenses, folding handle, adjustable slide, brass trimmings. A strictly high grade apparatus of good quality. Dozen 2.75

No. N2253. Stereoscope, genuine aluminum hood, top is engraved and embossed, edged with velvet, oil finished cherry frame, adjustable slide, brass trimmings, one inch fine pure crystal lenses; inside of hood is finished in black. Dozen 3.85

New Stereoscopic Views

No. N2224. A Tour of Canada. 25 views of the principal cities and points of interest from Halifax to British Columbia, including some delightful views of the Canadian Rockies. Per 1000..... 4.75 | Per set..... .13

No. N2236. War Pictures, 25 views of the war showing the British and their allies including Canadian soldiers. Includes views of interesting battle scenes, etc. A very popular set. Per 1000..... 4.75 | Per set..... .13

Stereoscopic Views

Are You Our New Cook"

NO. N2200—FRENCH COOK AND COMIC LOVER SERIES.

Twenty-five Views, a comic set by Griffith & Griffith This set of French Cook series consists of eight scenes the most attractive ever made, together with seven other comic lovers. The verdict of everybody who have seen this set decides it to be a great one

Per 1000 ..... 4.75 | Per set ..... .13

A Happy Trio.

NO. N2201—PETS AND ANIMALS.

Twenty-five Views of the most attractive and odd pictures and situations of children and pets thus we have one of the finest Views of the most pleasing and interesting pictures of the battles of children and their pets. These views are so natural you would really think they were expressly posed for—but they were taken when the children and their pets were unconscious of the fact.

Per 1000 ..... 4.75 | Per set 13

A Young Dandy.

NO. N2202—BOYS WILL BE BOYS.

This is a strong juvenile set of precocious kids that are up to all sorts of mischief and have lots of fun. It is a very clever and attractive set and fits in well with a series of comic Stereoscopic Views.

Per 1000 ..... 4.75 | Per set ..... .13

The Wedding March.

NO. N2203—WEDDING BELLS.

This set of twenty-five Views, known as Wedding Bells, is very interesting and attractive—they are reproductions from an actual wedding, showing the courtship, also the course of true love never runs smooth, and the wedding ceremony.

Per 1000 ..... 4.75 | Per set ..... .13

Conservatory, Pittsburg, Pa.

NO. N2204—ODD SIGHTS AND SCENES OF THE WORLD.

Twenty-five Views, a companion set to the Wonders of the Old World, which combined make almost a complete Tour of the World, which are unique and interesting.

Per 1000 ..... 4.75 | Per set ..... .13

Faneuil Hall, Boston.

NO. N2205—HISTORICAL SPOTS OF AMERICA.

Twenty-five Views of the most famous historical places in America, including the famous historical spots of the American Revolution, Faneuil Hall, Boston, the Cradle of Liberty, and other interesting historical places.

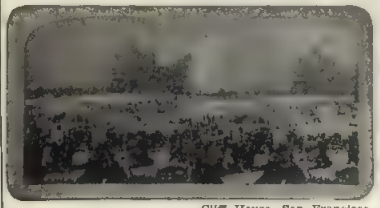
Per 1000 ..... 4.75 | Per set ..... .13

Stereoscopic Views

Old Cave Market,
St Augustine, Fla.

NO. N2206—TOUR THROUGH DIXIE LAND.

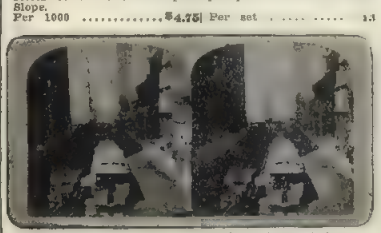
Twenty-five Views of the principal places through the South, including cotton industries, gathering and shipping cotton and the lives of the darkies—in fact a typical set of 25 magnificent pictures of the lives of the darkies in every sense of the word
Per 1000 .....$4.75| Per set . .13



Cliff House, San Francisco

NO. N2207—A TOUR OF THE PACIFIC SLOPE.

Twenty-five Views of California and the Yosemite Valley and a trip to Alaska. There are five Views of Yukon and Alaska which are very interesting; six Views of the Yosemite Valley and six Views of the wonderful sights of this place, together with miscellaneous series of views of the principal points of the Pacific Slope.
Per 1000 .....$4.75| Per set . ... .13



Dearborn Street, Chicago.

NO. N2208—A TOUR OF THE BIG CITIES OF AMERICA.

Twenty-five Views of New York, Chicago, Philadelphia, Boston and other big cities. This series has been secured with the object of showing a few of the wonderful sights of the large cities. New York City is represented with the bridge, Grant's Tomb and several other places of interest. There are several Views of Chicago, showing the wonderful industrial pictures of that city, together with several Views of its beautiful Park system. Philadelphia is represented with several Views; also Boston and other large cities
Per 1000 .....$4.75| Per set .... .13

Tower Bridge, London.

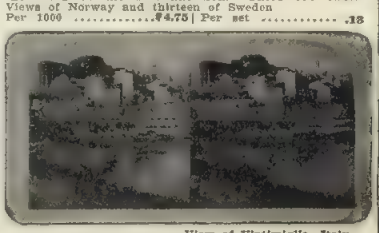
NO. N2209—A TOUR THROUGH ENGLAND AND FRANCE.

Twenty-five Views of the most historical and celebrated places in both of these interesting countries, identified in the history of the world so closely that no tour of any part of the world is any more interesting.
Per 1000 .....$4.75| Per set ..... .13

Oscar Fredrik Church,
Goteborg, Sweden.

NO. N2210—TOUR THROUGH NORWAY AND SWEDEN.

Twenty-five Views of exceptionally fine Views of a trip through the Land of the Midnight Sun, which perhaps is one of the most interesting sets of Stereoscopic Views in the world, as no country under the sun is so odd, and so interesting as a visit through the Land of the Midnight Sun. There are twelve Views of Norway and thirteen of Sweden
Per 1000 .....$4.75| Per set ..... .13



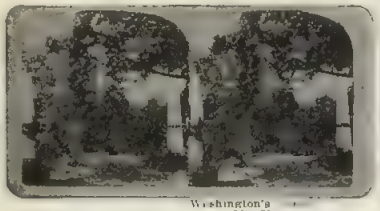
View of Vintimiglia, Italy.

NO. N2211—A TOUR OF ITALY AND THE SWISS ALPS.

Twenty-five Views of Italy, and the Swiss Alps. These Views include eleven Views of the historical spots of Italy; also a set of the most gorgeous Views ever made of the Swiss Alps. This entire set is considered very fine, inasmuch as the photographs were made by one of the world's most celebrated travelers.

Per 1000 .....$4.75| Per set 13

Stereoscopic Views

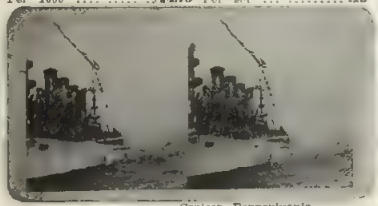


Washington's [illegible]
Mt. Vernon.

NO. N2212—A VISIT TO WASHINGTON.

Twenty-five Views of the great sights in Washington and a visit to Mount Vernon and Arlington Cemetery. This set includes Views of the exterior of the Capitol and White House, interiors of the East Room, Blue Room and Red Room in the White House, and Congressional Library, together with Views of Mount Vernon, showing the tomb of Washington, and a visit to Arlington Cemetery.

Per 1000 ..... $4.75 Per set ..... .13

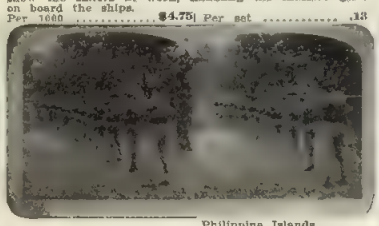


Cruiser Pennsylvania.

NO. N2213—FIGHTING SHIPS AND LIFE OF UNCLE SAM'S SAILOR BOYS.

Twenty-five Views of the great battleships and the life of the sailors at work and at play. If the public were all aware of the cost of the time and money to secure the Stereoscopic Views of the actual life on board the great battleships of the U. S. Navy, showing the gun drills of the sailors and that sort of thing, they would realize that a great deal of pains, and patience as well, had to be taken to secure these Views, which show the sailors at work, handling the massive guns on board the ships.

Per 1000 ..... $4.75 Per set ..... .13

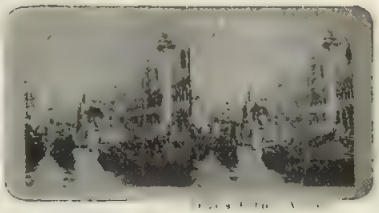


Philippine Islands,
Infantry Drill.

NO. N2214—A TRIP TO THE PHILIPPINES WITH UNCLE SAM'S SOLDIER BOYS.

Twenty-five Views of the life of the soldier boy in the Philippines. This set is considered the most unique set of its kind ever made, showing as it does, the life of our soldier boys in the far-away Philippines, and strong and interesting Views of the Filipinos and their method of living, together with several Views of the Islands. It is a splendid series, both from an educational and entertaining standpoint.

Per 1000 ..... $4.75 Per set ..... .13



[illegible]

NO. N2215—A VISIT TO ROME AND VENICE.

Twenty-five Views of Rome and Venice, which are simply magnificent and gorgeous, representing as they do—fourteen Views of the Eternal City, including Views of the Vatican and the Vatican Gardens, St. Peter's Church in Rome, the Colosseum, and other historical spots. Eleven beautiful Views of Venice, including the Rialto, St. Michael's and other world-renowned [illegible]

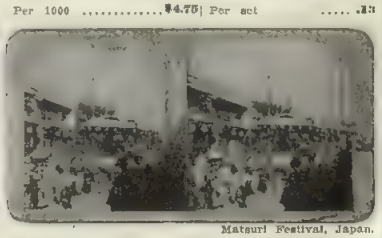
Per 1000 ..... $4.75 Per set ..... .13

Germany.
Munster Cathedral.

NO. N2216—GERMANY AND A TRIP DOWN THE RHINE.

Twenty-five Wonderful places in Germany are represented in this set, including, as they do, a trip down the Rhine; also the beautiful historical spots of this country

Per 1000 ..... $4.75 Per set ..... .13



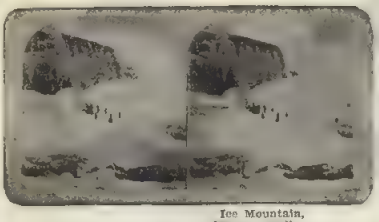
Matsuri Festival, Japan.

NO. N2217—TRIP TO CHINA, JAPAN AND THE ORIENT.

Twenty-five Views of China and Japan, showing life in the great empires. A splendid set of twenty-five Views of China taken during the Boxers' Rebellion, together with the wonderful Views of Japan, including Iris Garden and interesting Views of the Orient. In fact this is the first set of twenty-five Views ever made up in a complete set.

Per 1000 ..... $4.75 Per set ..... .13

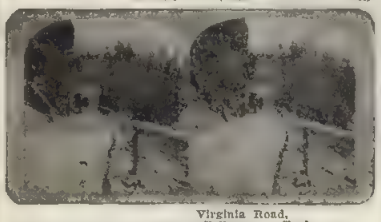
Stereoscopic Views



Ice Mountain,
Niagara Falls.

No. N2218—NIAGARA FALLS AND WATKINS GLEN.

Twenty-five Views of Niagara Falls in Winter and Summer, together with a visit to Watkins Glen. This set of Views show Niagara River in all its glory of Summer-time and its wonderful Winter clothes. They show the magnificent, prodigious ice domes, and the different formations only to be seen at this great wonder spot of the world. The Views of Watkins Glen are unique and very interesting.
Per 1000 ..... 4.75 | Per set ..... .13



Virginia Road,
Yellowstone Park.

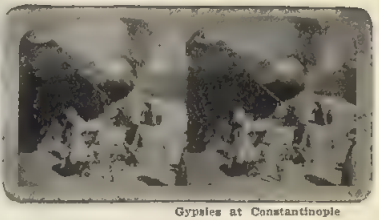
No. N2210—THE GREAT NORTHWEST AND A VISIT TO YELLOWSTONE PARK.

Twenty-five Views of Yellowstone National Park, including Views of the Garden of the Gods, Pike's Peak, etc. This series of Views is perhaps the only series of its kind ever made, and reveals all the grandeur and beauty of Yellowstone National Park, such as has never been seen before, unless visited in reality. The Grand Canyon, Geysers, etc., are seen standing out in bold relief and it gives a person some idea of the great wonders of this wonderful Park.
Per 1000 .....4.75 | Per set .13

Campo Santo,
Genoa, Italy.

No. N2220—WONDERS OF THE OLD WORLD.

Twenty-five Views taking in all the sights of the Old World, together with the odd things done in the Old World—a set of Views never before published. This set goes as a companion set to Odd Sights and Scenes of the World.
Per 1000 .....4.75 | Per set ..... .13



Gypsies at Constantinople

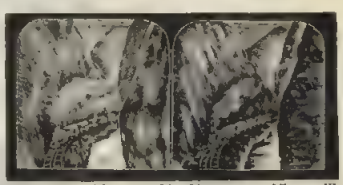
No. N2221—TOUR OF PALESTINE AND THE HOLY LAND.

Twenty-five Views of the Holy Land and scenes from the Bible, showing as we do a trip down the Nile and places made famous in Bible History. The Views show the manner and customs of the people, together with the historic spots marked by the life of Christ.
Per 1000 .....4.75 Per set .13

Wedding at Cana.

NO. N2222—LIFE OF CHRIST.

Twenty-five Views of the Life of Christ, and reproductions of the great paintings of Christ's last moments on Calvary. This unique set is a revelation of what can be done with Stereoscopic Views, and by looking through the Scope we can almost see Christ breathing in these Views. His life is shown from the manger to the cross, including a magnificent View of the crucifixion; also several tableaus and scenes of His last moments.
Per 1000 .....4.75 | Per set .. .13



No. N2231. Photographic Stereoscope Views, illustrating a trip across the Panama Canal, 25 views including greatest engineering feats of the 20th Century, showing the wonderful progress made on the greatest canal in the world
Per 1000 views..... 4.75 | Per set ..... .13

No. N2107. Book "Panama in Picture," a panoramic view of the Great Canal from the Atlantic to the Pacific, 32 pages filled with half-tone illustrations of this great engineering project and all its details with a graphic description of the work on good grade of paper with substantial paper covers. Per 100..... 5.50

Hay Carriers.

A complete outfit for a 50 ft Barn consists of 1 Hay Carrier, 48 ft of Track, 25 Rafter Brackets, 25 Hanging Hooks, 6 Floor Hooks, 1 Fork, 5 Knot Passing Pulleys, 130 ft. ¾ in. Manila Rope, 55 ft. ⅜ in. Manila Check Rope.
For Barns longer or shorter than above, more or less Track, Brackets, Hooks and Rope are needed.

No. 9

OPEN THROAT

Double Swivel, for Single Rail Solid Steel Track.

Each

No. 9—Malleable Iron Frame, Aluminum Finish, Wide Flare of Throat Measuring 6 in. Inside, Double Acting Positive Forced Lock, Jointed Fork Pulley, Well Braced and Neat in Design, Patent Anti-Friction Steel Roller Bearings.....$7.00

This Carrier has a wider flare of the throat than any other. The Jointed Fork Pulley allows the Fork Hook to swing up to within 6 inches of the Track. Fork Pulley has round top permitting it to enter the Carrier at any angle

Weight Each About 35 Pounds

Hay Carrier Track.

For Open Throat Hay Carriers. Per Foot

No. 550—Single Rail Solid Steel Track, Complete with Splice Clamps and Bolts.....$0.20

Weight Per Foot About 2 Pounds.

Hanging Hooks.

Malleable Iron. Per Dozen

No. 77—Clamped to Upper Bead of Rail by Key or Wedge, for No. 550 Solid Steel Track.....$1.50

Weight Per Dozen About 6 Pounds

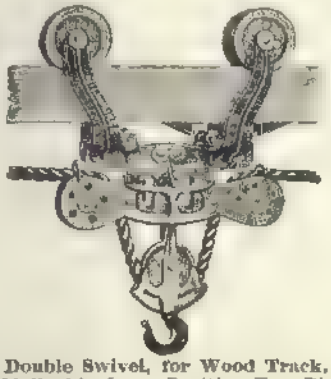
Hay Carriers.

MILWAUKEE IMPROVED

Reversible, for Wood Track. Each

No. 10—Best Malleable Iron, Positive Two-Piece Lock, Runs on 4x4 in. Wood Track.....$6.15

Weight Each About 28 Pounds.



Double Swivel, for Wood Track. Each

No. 15—Best Malleable Iron, Positive Two-Piece Lock, Runs on 4x4 in. Wood Track.....$6.15

Weight Each About 30 Pounds.

LEADER

Reversible, for Wood Track. Each

No. 20—Best Malleable Iron, Positive Two Piece Lock Runs on 4x4 in. Wood Track.....$6.15

Weight Each About 28 Pounds.

Double Swivel, for Wood Track. Each

No. 25—Best Malleable Iron, Positive Two-Piece Lock, Runs on 4x4 in. Wood Track.....$6.15

Weight Each About 33 Pounds.

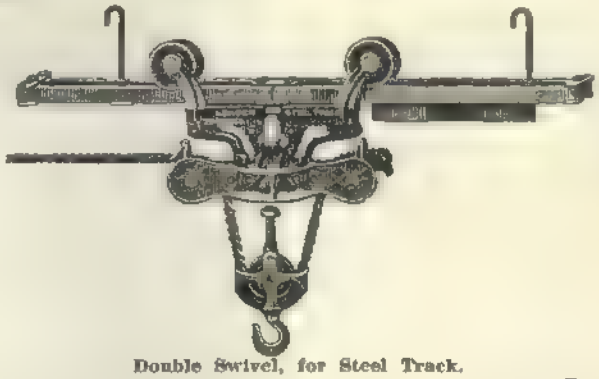
Hay Carriers.

LEADER

Reversible, for Steel Track.

	Each
No. 30—Best Malleable Iron, Positive Two Piece Lock, for Steel Track	$6 15

Weight Each About 25 Pounds.

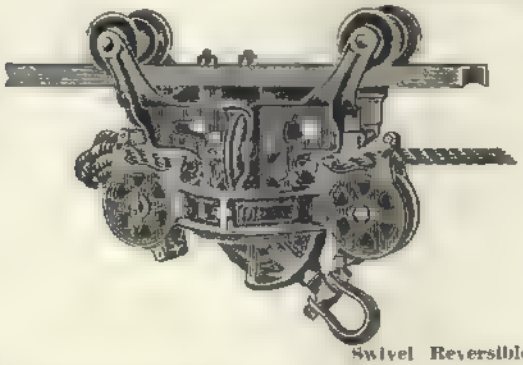


Double Swivel, for Steel Track.

	Each
No. 35—Best Malleable Iron, Positive Two Piece Lock, for Steel Track	$6.15

Weight Each About 30 Pounds

BOOMER DOUBLE SWIVEL



Swivel Reversible, for Angular Steel Track.

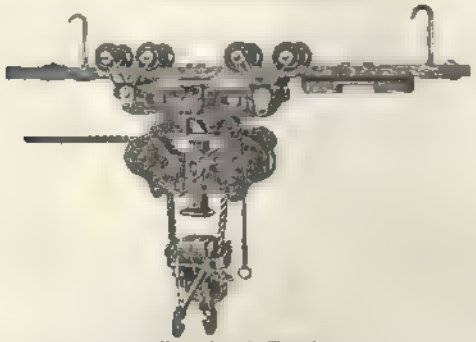
	Each
No. 38—High Grade Malleable Iron, Large Mouth Pattern, Simple and Positive Locking Device, Swivel Clevis and Swinging Yoke	$6.15

Our Boomer Hay Carriers illustrated herewith are the latest and are made of high grade malleable iron They are of the large mouth pattern the fork pulley having the swivel clevis and swinging yoke which allows the malleable iron links to pass well up into the car where it is grasped by the dogs and firmly held. These features do away with any friction, or twisting strain on any part of the carrier and allow the operator to fill the barn to the highest point possible The sheaves being large will carry any size rope up to one inch

Weight Each Complete, 30 Pounds

Hay Carriers.

SWIVEL SLING



For Steel Track.

	Each
No. 45—Best Malleable Iron, Runs on Steel Track	$12 00

Draws Hay or Grain up direct as the load stands with no twist in the rope When one side of barn is filled all that is necessary is to take the pulley from the hook and carry pulley and rope to hook on opposite side of barn Load can be raised to any desired point and tripped

Weight Each About 64 Pounds.

Hay Carrier Track.

Angular Steel Track.

	Per Foot
No. 12—For Leader, Boomer and Sling Hay Carriers, Complete with Couplings and Bolts	$0.18

Weight Per Foot About 2 Pounds.

Hay Fork Pulleys.

5 in. Iron Wheel.

Per Dozen

No. 10—Malleable Iron Frame, Japanned, Loose Pin, Spring Key $4.25

Weight Per Dozen About 42 Pounds

5½ in. Maple Wheel.

Per Dozen

No. 20—Malleable Iron Frame, Japanned, Large Hollow Loose Pin, Self-Oiling Swivel Eye $3 90

Weight Per Dozen About 33 Pounds.

5 in. Mapple Wheel.

Per Dozen

No. 45—Maple Wood Frame, Wrought Iron Yoke, Malleable Iron Swivel Eye, Self-Oiling $4 50

Weight Per Dozen About 34 Pounds

4¼x1½ in. Iron Wheel, Self-Oiling.

Per Dozen

No. 50—Steel Shell, Open Hearth Steel Swivel Eye, Japanned $6.10

Weight Per Dozen About 39 Pounds

7 in. Steel Wheel, Roller Bushed.

Per Dozen

No. 347—Pressed Steel Shell, Swivel Hook, Japanned $15 00

Weight Per Dozen About 43 Pounds.

ANTI-FRICTION

Anti-Friction, 5 in. Iron Wheel.

Per Dozen

No. 1—Malleable Iron Shell, Steel Roller Bushings, Turned Steel Pin, Swivel Eye, Japanned $13.35

Weight Per Dozen About 73 Pounds

KNOT-PASSING

6 in. Maple Wheel, Turned Bushing.

Per Dozen

No. 30—Knot Passing, Solid Steel Frame, Japanned, Swivel Eye $5.00

Weight Per Dozen About 33 Pounds.

5½ in. Maple Wheel.

Per Dozen

No. 25—Knot Passing, Self-Oiling, Malleable Iron Frame, Japanned, Swivel Eye... $5 00

Weight Per Dozen About 52 Pounds

O. K.

6 in. Hard Maple Wheel.

Per Dozen

No. OK3—Malleable Iron Frame, Made with Flange on Inside to Prevent Cutting of Rope, Large Hollow Loose Pin, Swivel Eye..... . . $5.00

Weight Per Dozen About 40 Pounds

Knot Passing, 6 in. Hard Maple Wheel.

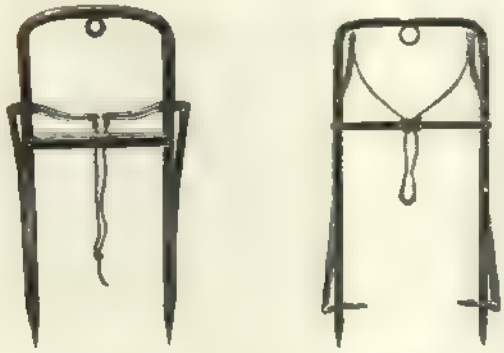
Per Dozen

No. OK5—Malleable Iron Frame, Made with Flange on Inside to Prevent Cutting of Rope, Large Hollow Loose Pin, Swivel Eye.....$5.90

Weight Per Dozen About 50 Pounds.

Harpoon Hay Forks.

MILWAUKEE DOUBLE



Open Closed.

Japanned.

Each

No. 1 —24 in. Long from Bar to Point of Tines, 17 in. Wide, Weight Each About 18 Lbs..... $1.60

No. 1½ —31 in Long from Bar to Point of Tines. 17 in. Wide, Weight Each About 19 Lbs..... 1 90

MILWAUKEE SINGLE

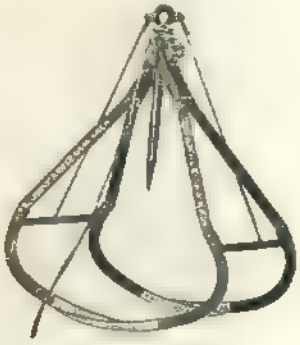
Open. Closed

Japanned.

Each

No. 2—27½ in. Long from Guard to Point, Weight Each About 15 Lbs..... $2.70

Grapple Hay Forks.

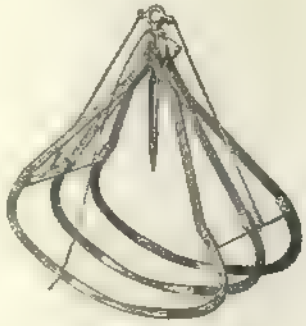


Four Tines.

Each

No. 4—Best Quality Spring Steel, Deadlock Grapple Fork $6.70

Weight Each About 32 Pounds.



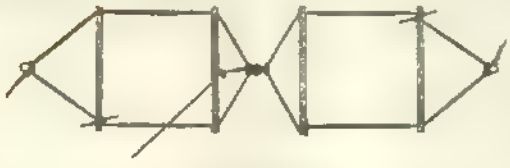
Six Tines.

Each

No. 6—Best Quality Spring Steel, Deadlock Grapple Fork $8 00

Weight Each About 37 Pounds

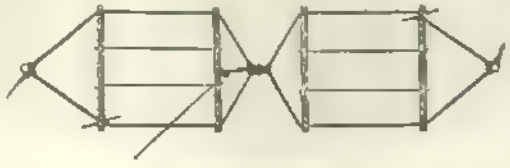
Wagon Slings.



Four Spreader.

Each

No. 14—4 ft Cross Bars, Including Ropes and Irons, with Adjustable Center Trip, Adjusts to Any Size Hay Rack, Weight Each About 97 Lbs... $3 30



Four Spreader.

With Adjustable Center Trip and Extra Center Ropes.

Each

No. 15—5 ft. Cross Bars, Including Ropes and Irons, Adjusts to Any Size Hay Rack, Weight Each About 26 Lbs..... $4.00

No. 16—6 ft. Cross Bars, Otherwise Same as No 15, Weight Each About 32 Lbs . . 4 40

An outfit should have one Sling Pulley and three Wagon Slings to take off entire load in three lots

Hanging Hooks.

DOUBLE NUT

Wrought Iron.

	Per Dozen
No. 012—Track Hanging Hooks, with Plate and Double Nuts, for No. 12 Steel Track	$1 50

Weight Per Dozen About 11½ Pounds

WOOD TRACK

Wrought Iron.

Nos.	14	16	18
Size, Inches	½x14	½x16	½x18
Ap. Wt. Doz., Lbs.	11	12	14
Per Dozen	$1 15	1.25	1.35

Measurement given is from end to center of bend

Rope Hitches.

Malleable Iron.

	Per Dozen
No. 9—Japanned, with Swivel Hook	$2 80

Weight Per Dozen About 18 Pounds

Floor Hooks.

Wrought Steel.

Nos.	1	2
Diam., Inches	⅝	¾
Ap. Wt. Doz., Lbs.	9	14
Per Dozen	$1.35	1.55

Rafter Brackets.

Malleable Iron.

	Per Dozen
No. 7 For Hanging Wood Track	$0.55

Weight Per Dozen About 3 Pounds

Rafter Grapples.

Cast Steel.

	Per Dozen
No. 8—Heavy Chain	$10.60

Weight Per Dozen About 40 Pounds.

Sling Pulleys.

Malleable Iron, Self-Locking.

	Each
No. 65—Right Angle, Japanned, for Leader Hay Carriers	$2 80

By using this Pulley the load is drawn up direct as the load stands with no twist in the rope. It is recommended where there are any right angles or cross draft loads to be elevated

Weight Each About 13 Pounds

Stop Blocks.

	Each
No. 1—For Milwaukee Wood Track Carrier	$0.45
No. 2—For Leader Wood Track Carrier	.70
No. 3—For Leader Steel Track Carrier	.90

Weight Each About 1½ Pounds

Fork Pulleys.

Trip Fork Pulley.

	Each
No. 5—For Leader Wood and Steel Track Carriers	$1.15

Weight Each About 3½ Pounds

Snatch Pulley Blocks.

MILWAUKEE

	Iron Wheel.	Per Dozen
No. 35—Malleable Iron Frame		$10.00

Weight Per Dozen About 65 Pounds.

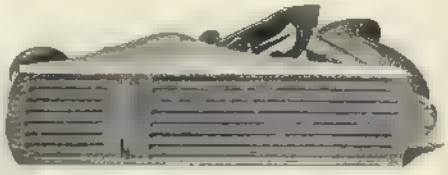
The Milwaukee Snatch Pulley Block is a pulley that every farmer should have if he has a Hay Fork and Hay Carrier. This device shortens the travel of the horse without reducing the elevating power. Tie a knot in the rope and put a washer in front of the knot so that when the hay is going up the horse has a direct pull; but when the carrier is unlocked and the hay begins to move along the track, the rope doubles around the snatch pulley attached to the whiffletree; you will see that the horse travels only one-half the distance the hay is carried, a great saving; also the rope can be thrown off the snatch pulley and fork be instantly returned to the load without waiting for the return of the horse

Adjustable Iron Planes.

CHAPLIN'S

Nos. 20 and 30

No. 1205



No. 1255

Smooth Bottom.

BLOCK, Cast Iron Frame, Adjustable Throat, Steel Cutter.

	Each
No. 20—Japanned, 6½ in. Long, 1⅝ in. Cutter, Weight Each 2 Lbs.	$1 25
No. 30—Nickel Plated, 6½ in. Long, 1⅝ in. Cutter, Weight Each 2 Lbs	1 50

One in a Box.

Corrugated Bottom.

Smooth.

Cast Iron Frame, Nickel Plated, Checkered Rubber Handle.

	Each
No. 1205—9 in. Long, 2 in. Cutter, Weight Each 4 Lbs	$3 15

Smooth.

Cast Iron Frame, Nickel Plated, ADJUSTABLE THROAT, Checkered Rubber Handle.

	Each
No. 1255—9 in. Long, 2 in. Cutter, Weight Each 4 Lbs.	$3 40

One in a Box.

Jack.

Cast Iron Frame, Nickel Plated, Checkered Rubber Handle.

	Each
No. 1207—15 in. Long, 2⅛ in. Cutter, Weight Each 7 Lbs	$3.85

Fore.

Cast Iron Frame, Nickel Plated, Checkered Rubber Handle.

	Each
No. 1208—18 in. Long, 2¼ in. Cutter, Weight Each 8 Lbs.	$4.50

Jointer.

Cast Iron Frame, Nickel Plated, Checkered Rubber Handle.

	Each
No. 1210—22 in. Long, 2⅛ in. Cutter, Weight Each 8½ Lbs.	$5.20

One in a Box

Wood Bench Planes.

SCIOTO

No. 3—Smooth.

No. 15—Jack.

No. 27—Jointer

Beechwood, Selected Quality Steel, Double Cutter, Polished Start.

Smooth.

	Each
No. 38—8 in. Long, 2 to 2¼ in. Double Iron, Weight Each 3½ Lbs.	$1.35

Jack.

	Each
No. 158—16 in. Long, 2⅜ to 2⅝ in. Double Iron, Weight Each 4¾ Lbs.	$1 50

Open Stock.

Fore.

	Each
No. 218—22 in. Long, 2⅝ to 2⅝ in. Double Iron, Weight Each 7 Lbs.	$2.55

Jointer.

	Each
No. 27268—26 in. Long, 2⅛ to 2⅜ in. Cutter, Weight Each About 8½ Lbs.	$2.70
No. 27288—28 in. Long, 2½ to 2⅝ in. Cutter, Weight Each About 8¾ Lbs	2.85
No. 27308—30 in. Long, 2½ to 2¾ in. Cutter, Weight Each About 9 Lbs	3.25

Open Stock

OHIO TOOL CO.'S

Smooth or Scrub.

German Pattern, Selected Beechwood, Selected Quality Steel Single Iron.

	Each
No. 1—8½ in. Long, 1¾ in. Single Cutter, Weight Each 2½ Lbs.	$1.55

Open Stock.

Smooth.

Selected Beechwood, Selected Quality Steel Double Iron.

	Each
No. 3—8 in. Long, 2 to 2¼ in. Double Iron, Polished Start Weight Each 2½ Lbs.	$1.55
No. 4—8 in. Long, 2 to 2¼ in. Double Iron, Polished Iron Start, Weight Each 2½ Lbs.	1.67

Open Stock.

Handled Smooth.

Selected Beechwood, Selected Quality Steel Iron.

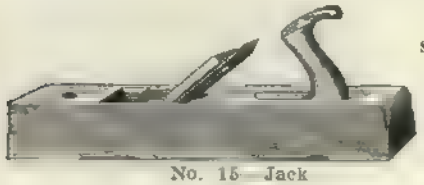
	Each
No. 5—8 in. Long, 2 to 2¼ in. Double Iron, Solid Handle, Weight Each 2 Lbs.	$2 95
No. 5½—8 in. Long, 2 to 2¼ in. Double Iron, Jack Handle, Weight Each 2 Lbs.	2.50
No. 7—Boys', 5 in. Long, 1¼ in. Single Iron, Weight Each 1½ Lbs.	1.10

Open Stock.

Bench Planes.

OHIO TOOL CO.'S

Selected Beechwood, Selected Quality Steel Cutter.



No. 15—Jack

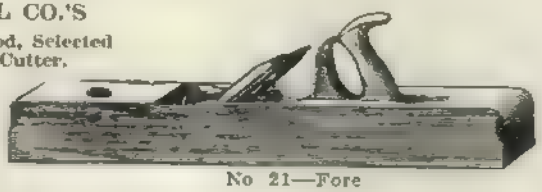
Jack.

	Each
No. 15—16 in. Long, 2 to 2¼ in. Double Iron, Polished Start, Weight Each 4¾ Lbs.	$1.68
No. 16—16 in. Long, 2 to 2¼ in. Double Iron, Polished Iron Start, Bolted Handle, Weight Each 5 Lbs.	2.10
No. 17—Boys', 12 in. Long, 1½ in. Single Iron, Weight Each 3 Lbs.	1 26

Fore.

	Each
No. 21—22 in. Long, 2⅜ to 2⅝ in. Double Iron, Polished Start, Weight Each 7 Lbs.	$2 85
No. 22—22 in. Long, 2⅜ to 2⅝ in. Double Iron, Iron Start, Bolted Handle, Weight Each 7½ Lbs.	3 85

Open Stock.



No 21—Fore

Jointer.

	Each
No. 2726—26 in. Long, 2½ to 2¾ in. Double Iron, Polished Start, Weight Each 8½ Lbs.	$3 00
No. 2728—28 in. Long, 2½ to 2¾ in. Double Iron, Polished Start, Weight Each 8⅝ Lbs	3 20
No. 2730—30 in. Long, 2½ to 2¾ in. Double Iron, Polished Start, Weight Each 9 Lbs.	3 60
No. 2732—32 in. Long, 2½ to 2¾ in. Double Iron, Polished Start, Weight Each 9¼ Lbs.	4.25

Open Stock.

Fancy Wood Planes.

OHIO TOOL CO.'S

Selected Beechwood, Selected Quality Steel Cutters.

TOOTH

Single Iron.

	Each
No. 302—7 in. Long, 2 in. Cutter	$1.78
No. 302½—7 in. Long, 2⅛ in. Cutter	1.96
No. 302¼—7 in. Long, 2¼ in. Cutter	2.14

Weight Each About 1½ Pounds

Open Stock

MITRE

Smooth Shape, Single Iron.

	Each
No. 31—9 in. Long, 1⅞ in. Cutter	$1.35

Weight Each 2½ Pounds.

Open Stock.

MITRE

Square Shape, Single Iron.

	Each
No. 31A—9 in. Long, 1¾ in. Cutter	$1.35

Weight Each 2½ Pounds.

Open Stock.

DADO

No. 47—With Brass Side Stop, Length Over All 9½ in.

Size, Inches	¼	⅜	⅜
Weight Each, Lbs.	1½	1¾	1¾
Each	$1.96	1.96	1.96

Open Stock.

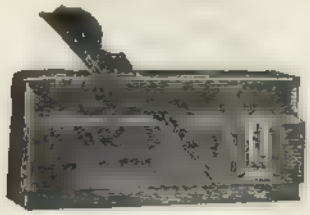
DADO

No. 48—With Brass Screw Stop, Length Over All 9½ in.

Size, Inches	¼	⅜	½	⅝
Weight Each, Lbs.	1½	1½	1½	1½
Each	$2 68	2.68	2.68	2.68
Size, Inches	¾	⅞	⅞	1
Weight Each, Lbs.	1½	1¾	1¾	1¾
Each	$2.68	2.68	2.68	2.68

Open Stock.

FILLETSTER



With Cutter and Brass Side Stop, Length Over All 9½ in.

	Each
No. 53—1⅛ in Cutter, Weight Each 3 Lbs.	$2.50

With Cutter and Brass Side Stop, Boxed, Length Over All 9½ in.

	Each
No. 54—1⅛ in. Cutter, Weight Each 3 Lbs.	$3 30

Open Stock.

FILLETSTER

With Cutter and Brass Screw Stop, Length Over All 9½ in.

	Each
No. 55—1⅛ in. Cutter, Weight Each 3 Lbs.	$4.45

Open Stock.

NOSING MOULDING

Moulding Made with No. 39 Plane.

No. 80—Nosing Moulding, Length Over All 9½ in.

Depth, Inches.	¾	⅞	1	1¼
Wt. Each, Lbs.	1¼	1¼	1¼	1½
Each	$1.60	1.60	1.78	1 78

Open Stock

Fancy Wood Planes.

OHIO TOOL CO.'S

Selected Beechwood, Selected Quality Steel Cutter.

NOSING STEP

No. 90—One Iron, Length 9½ in.

Inches	⅞	1	1⅛
Weight Each, Lbs.	1¼	1¼	1¼
Each	$1.44	1.44	1.44
Inches	1¼	1⅜	1½
Weight Each, Lbs.	1½	1⅝	1¾
Each	$1.44	1.78	1.78

Open Stock.

NOSING STEP

No. 91—Two Irons, Length 9½ in.

Inches	⅞	1	1⅛
Weight Each, Lbs.	1½	1½	1½
Each	$1.96	1.96	1.96
Inches	1¼	1⅜	1½
Weight Each, Lbs.	1¾	1¾	2
Each	$1.96	2.14	2.14

Open Stock.

NOSING STEP

No. 92—Two Irons, with Handle, Length 12 in.

Inches	⅞	1	1⅛
Weight Each, Lbs.	2	2	2¼
Each	$2.67	2.67	2.67
Inches	1¼	1⅜	1½
Weight Each, Lbs	2¼	2½	2½
Each	$2.67	3.12	3.12

Open Stock

PLANK MATCH

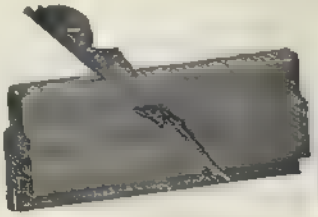
Match, with Screw Arms, Plated.

Per Pair

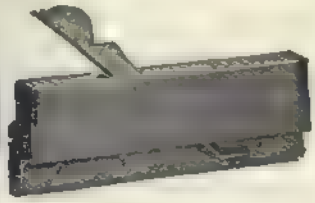
No. 84 14 in. Long, Weight Per Pair About 8 Lbs. $7.12

Open Stock.

BOARD MATCH



No. 75—Tongueing Part.



No. 75—Grooving Part.

No. 75—Match, Length Over All 9½ in.

Inches	⅜	½	⅞	1
Wt Pair, Lbs	2¼	2¼	2½	2½
Per Pair	$3.67	3.67	3.67	3.67

Open Stock.

No. 76—Match, Plated, Length Over All 9½ in.

Inches	⅜	½	⅞	1
Wt Pair, Lbs	2¼	2¼	2½	2½
Per Pair	$3.12	3.12	3.12	3.12

Open Stock.

SKEW RABBET

No. 116—Skew Rabbet, Length Over All 9½ in.

Inches	⅜	½	¾	⅞	1
Weight Each, Lbs	⅞	⅞	1	1	1¼
Each	$1.07	1.07	1.07	1.07	1.07
Inches	1⅛	1⅛	1⅜	1¾	2
Weight Each, Lbs.	1¼	1⅛	1⅛	2	2
Each	$1.15	1.15	1.25	1.42	1.60

Open Stock.

JACK RABBET

No. 119—Two Side Cutters, Oblique Handle, Length Over All 16 in.

Inches	1¼	1½	1¾	2
Weight Each, Lbs.	2¾	2¾	3	3¼
Each	$3.38	3.38	3.38	3.38

No. 119½—Two Side Cutters, Side Handle, Length Over All 16 in.

Inches	1¼	1½	1¾	2
Weight Each, Lbs.	2¾	2¾	3	3¼
Each	$3.38	3.38	3.38	3.38

Open Stock.

No. 101.

PANEL PLOW

		Each
	With 8 Cutters, One Each ⅛, ³⁄₁₆, ¼, ⁵⁄₁₆, ⅜, ⁷⁄₁₆, ½ and ⅝ in.	
No. 96½	—Beech, Screw Stop, with Handle, Weight 3½ Lbs	$11 56
No. 97	—Beech, Screw Stop, with Handle, Boxed Fence, Weight Each 4 Lbs	12 20
No. 101	—Beech, Boxwood Arms, with Handle, Boxed Fence, Weight Each 4 Lbs	14 25
No. 107A	—Applewood, Screw Top, with Handle, Boxed Fence, Weight Each 4 Lbs	13 80

Open Stock.

PLOW PLANE ARMS

Per Pair

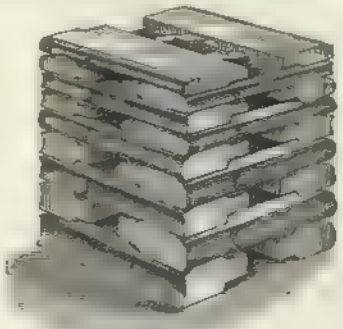
Applewood Plow Plane Arms—Weight Per Pair 1½ Lbs $3.85

Fancy Wood Planes.

OHIO TOOL CO.'S

Selected Beechwood, Selected Quality Steel Cutter.

HOLLOWS



ROUNDS

Length Over All 9½ in.

No. 72	Nos.	1	2	3	4	5	6	7	8	9
	Inches	⅛	⅜	½	⅝	¾	⅞	1	1⅛	1¼
	Works on Circle, Inches	½	¾	1	1¼	1½	1⅝	2	2¼	2½
	Weight Each, Lbs.	1	1¼	1½	1⅝	2	2¼	2½	2¾	3
	Each	$0.90	.90	.90	.90	.90	.90	1.02	1.02	1.02
										Per Set

No. 72—Set of 9 Pairs, Assorted 1 to 9, Weight Per Set About 16 Lbs. $8 42

No. 73	Nos.	10	11	12
	Inches	1⅜	1½	1⅝
	Works on Circle, Inches	2¾	3	3¼
	Weight Each, Lbs.	3½	4	5
	Each	$1.29	1.29	1.29

In Ordering Hollows and Rounds be Careful to Give Number of Plane, and Whether Hollow or Round is Wanted.

SIDE BEAD

Bead Made by No. 37.

Single Boxed.

	Each
No. 37 - ⅛ to ⅜ in	$0 90
No. 37— ⅝ to ¾ in	1 00
No. 37 ⅞ to 1 in	1.25
No. 37—1⅛ to 1¼ in.	1 60

Weight Each About 1¼ Pounds

CENTER BEAD

Bead Made by No. 41.

Double Boxed.

	Each
No. 41—⅛ to ½ in.	$1 08

Weight Each About 1¾ Pounds.

BEEDING

Bead Made by No. 122

Two Beads.

	Each
No. 122—⅛ to ½ in	$2 50

Weight Each About 1¾ Pounds

COVE

Moulding Made by No. 43

	Each
No. 42—⅛ to ¾ in.	$0.90
No. 43—⅞ to 1 in.	1.10

Weight Each About 1½ Pounds.

CASING MOULDING

Moulding Made by No. 43⅛

With Fence.

	Each
No. 43⅛—⅛ to ¾ in.	$1.42
No. 43⅛ —⅞ to 1 in.	1.60

Weight Each About 1½ Pounds.

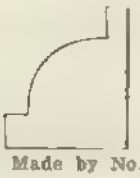
CASING MOULDING

Moulding Made by No. 43¼.

	Each
No. 43¼— ⅛ to ¾ in.	$1.42
No. 43¼— ⅞ to 1 in.	1.60
No. 43¼—1¼ in.	1.78

Weight Each About 1½ Pounds

QUARTER ROUND



Moulding Made by No. 43½.

	Each
No. 43½— ⅛ to ⅝ in.	$0.90
No. 43½— ¾ to 1 in.	1.16
No. 43½—1¼ in.	1.35

Weight Each About 1½ Pounds.

ROMAN REVERSE OGEE

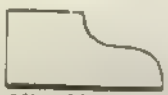
Moulding Made by No. 62⅛.

With Fence.

	Each
No. 62⅛ - ⅜ to ⅝ in	$1 42
No. 62⅛— ⅝ to 1 in.	1.60
No. 62⅛ 1¼ in	1 87
No. 62⅛—1½ in.	2.14

Weight Each About 1½ Pounds

Open Stock

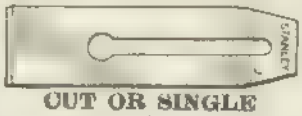


Moulding Made by No. 62½.

	Each
No. 62½— ⅝ to ⅞ in.	$1 35
No. 62½ ¾ to 1 in.	1 52
No. 62½—1¼ in.	1.78
No. 62½—1½ in.	2.05

Weight Each About 1½ Pounds

Plane Irons.



BAILEY IMPROVED
Tool Steel Tempered and Polished.

CUT OR SINGLE

Inches	1⅝	1⅝	1⅝	2
Ap. Wt. Dozen, Lbs.	1¼	2	2½	3
Per Dozen	$3.28	3.83	4.20	4.56
Inches	2⅛	2¼	2⅜	2⅝
Ap. Wt. Dozen, Lbs.	3½	3¾	4	5
Per Dozen	$4.92	5.11	5.30	5 84

One-half Dozen in a Box.

DOUBLE

Inches	1¼	1⅝	1¾	2
Ap. Wt. Dozen, Lbs	3	3½	4½	5½
Per Dozen	$5.84	6 38	6 93	7 66
Inches	2⅛	2¼	2⅜	2⅝
Ap. Wt Dozen, Lbs	6	7	7¾	8¼
Per Dozen	88 21	8 58	8 76	9.12

One-half Dozen in a Box

EVERITT

CUT OR SINGLE

Inches	1⅝	1¾	2	2⅛
Ap. Wt. Dozen, Lbs.	2	2½	3	3¼
Per Dozen	$4.68	5.24	5.62	6.20
Inches		2¼	2⅜	2⅝
Ap Wt Dozen, Lbs.		3¾	4	5
Per Dozen		$6.55	6.92	7.50

One-half Dozen in a Box.

DOUBLE

Inches	1⅝	1¾	2	2⅛
Ap Wt. Dozen, Lbs.	3½	4½	5½	6
Per Dozen	$8.42	9.36	10.30	11.28
Inches		2¼	2⅜	2⅝
Ap. Wt. Dozen, Lbs.		7	7¾	8¼
Per Dozen		$11.80	12.16	13.10

One-half Dozen in a Box.

FOR BLOCK PLANES

FOR BAILEY'S AND STANLEY'S

	Per Dozen
1⅝ in for Nos. 9½, 9¾, 15 and 15½	$3.04
1⅝ in for Nos 18 and 19	3 04
1 in. for No. 101	.92
1¼ in for Nos 102 and 103	1 52
1⅝ in for Nos 110 and 130	2 28
1⅝ in for No. 220	3 04

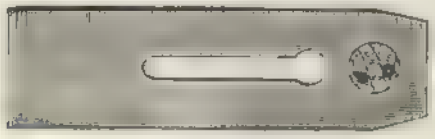
Weight Per Dozen About 2 Pounds.
One Dozen in a Box.

FOR EVERITT

	Per Dozen
1⅝ in for Nos. E9½, E9¾, E15 and E15½	$3 12
1⅝ in. for Nos. E18 and E19	3 12
1 in. for No. E101	.94
1¼ in for Nos E102 and E103	1 56
1⅝ in for Nos E110 and E130	2 34
1⅝ in for No E220	3.12

Weight Per Dozen About 2 Pounds.
One Dozen in a Box.

OHIO TOOL CO.'S



CUT OR SINGLE
For Wood Planes.

Inches	1⅛	1¾	1⅞	2	2⅛	2¼
Ap Wt Doz, Lbs	4¾	5¼	5¾	6¼	7	7¼
Per Dozen	$4 45	4 90	5 25	5.62	5 95	6 57
Inches	2⅜	2½	2⅝	2¾	3	
Ap. Wt. Dos., Lbs.	7⅝	8¼	8⅝	9¼	10	
Per Dozen	$7.28	8.00	8 72	9 78	12.44	

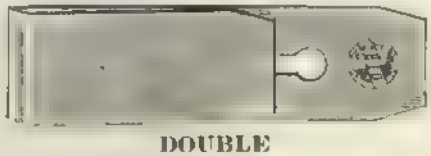
One-half Dozen in a Box.

BARTON'S

Inches	1⅛	1¾	1⅞	2	2⅛	2¼
Ap. Wt. Doz., Lbs.	4¾	5¼	5⅝	6¼	7	7¼
Per Dozen	$4 74	5 22	5 58	5 90	6 31	7 00
Inches	2⅜	2½	2⅝	2¾	3	
Ap. Wt Dos., Lbs.	7⅝	8¼	8⅝	9¼	10	
Per Dozen	$7 73	8 30	9 26	10 40	13 28	

One Dozen in a Box.

OHIO TOOL CO.'S



DOUBLE
For Wood Planes.

Inches	1¾	1⅞	1⅞	2	2⅛	2¼
Ap Wt Doz, Lbs	6	7	8	9	10	11
Per Dozen	$9 78	10 68	11.12	11 48	11 82	12.44
Inches	2⅜	2½	2⅝	2¾	3	
Ap. Wt Doz., Lbs.	12	13	14	15	17	
Per Dozen	$13.16	14.60	16.00	18.00	20.80	

One-half Dozen in a Box.

BARTON'S

Inches	1¾	1⅞	1⅞	2	2⅛	2¼
Ap. Wt. Dos., Lbs.	6	7	8	9	10	11
Per Dozen	$10 40	11.34	11 82	12 20	12 60	13 25
Inches	2⅜	2½	2⅝	2¾	3	
Ap. Wt. Dos., Lbs.	12	13	14	15	17	
Per Dozen	$14 00	15 30	17 00	19 20	22 10	

One Dozen in a Box

FOR No. 112 STANLEY'S SCRAPER PLANES

	Each
Extra Toothing Cutters, 22, 28 or 32 Teeth	$0 45
Extra Veneer Cutters	35

Open Stock.

FOR CHAPLIN PLANES
Cut or Single.

Inches	2	2⅛	2¼	2½
W. Doz., Lbs.	6	7	7½	8
Per Dozen	$5.04	5.40	5.76	6.48

Open Stock.

FOR CHAPLIN BLOCK PLANES

	Per Dozen
1⅝ in for Nos 20 and 30	$4 15

Weight Per Dozen About 2 Pounds.
Open Stock.

FOR OHIO TOOL CO.'S SKEW RABBET PLANES

Inches	¼	⅝	⅝	⅞	1	1¼	1½	1¾	2
Per Dozen	$2.04	2.13	2.22	2 31	2.48	2.76	2 95	3 30	3.56

Weight Per Dozen About 2 Pounds. Open Stock

FOR OHIO TOOL CO.'S PLOW PLANE

	Per Set
In Sets of 8, One Each ⅛, ¼, ⅜, ½, ⅝, ¾ and ⅞ in., Weight Per Set 1½ Lbs.	$2.60
	Each
Seperate Sizes ⅛ to ⅞ in., Weight Each ⅜ Lb.	$0 37

Open Stock.

FOR SCRUB PLANES

Inches	1¾
Ap Wt Doz, Lbs	2
Per Dozen	$4.45

Open Stock.

FOR TOOTH PLANES

Inches	2	2⅛	2¼
Ap Wt Doz Lbs	2½	2¾	3
Per Dozen	80 16	9.51	10 10

Open Stock.

Adjustable Scraper Planes.

STANLEY'S

Double Handle Veneer Scraper.
Japanned Iron Face, Rosewood Double Grip Handle. Each
No. 12—9½ in. Long, 3 in. Adjustable Blade, Weight Each About 3¾ Lbs.....$3 85
The Handles placed across the center of the Tool give it a good balance. The Blades are adjustable endwise and for angle and can be locked in position desired.
One in a Box.

Double Handle Veneer Scraper.
Detachable Rosewood Faced Bottom, Rosewood Double Grip Handle. Each
No. 12½—9½ in. Long, 3 in. Adjustable Face, Weight Each About 4 Lbs.....$4.70
This Plane is same as No 12 but has extra bottom and face. Especially adapted for use on fine work as it renders less liable the possibility of marring or scratching the surface being worked upon.
One in a Box

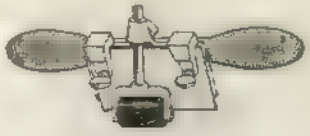
Single Handle Veneer Scraper,
Japanned, Rosewood Handle and Knob Each
No. 112—9 in. Long, 3 in. Adjustable Blade, Weight Each About 4 Lbs.....$3.15
This Plane has the same form as the Regular "Bailey" Plane. The Blades are adjustable endwise and for angle and can be firmly locked in position desired
One in a Box.

Cabinet Makers' Scrapers.

STANLEY'S

Scraper Plane.
Rabbet Mouth Scraper, Tilting Rosewood Handle and Knob. Each
No. 85—8 in. Long, 2 in. Blade, Weight Each About 2⅝ Lbs $3.35

Scraper Plane.
Regular Mouth Scraper, Stationary Rosewood Handle and Knob. Each
No. 87—8 in. Long, 2 in Blade, Weight Each About 2½ Lbs.$2 80
When in use the blade rests against the front edge of the mouth under a slight pressure. In working, the blade springs backward, opening the mouth and allowing the shaving to pass through it. As soon as working pressure is released the blade springs back to its normal position. Made in two styles, one, a Rabbet Scraper with handle and knob pivoted, to allow tilting for convenience when working into corners or up against perpendicular surfaces, and the other, without a rabbet mouth and with stationary handle and knob.
One in a Box

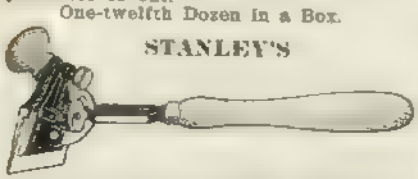


Roller Scraper.
Detachable Beech Handle, with Roller Back of Blade, Nickel Plated Frame. Per Dozen
No. 83—9½ in. Long, 3 in. Blade, Weight Per Dozen About 15 Lbs.....$16.10
This Scraper can be adjusted to any desired pitch The Roller acts as a support to relieve the strain on the wrist and hands of workman. Handles may be detached for working into corners
One-twelfth Dozen in a Box.

STANLEY'S

One Piece Cast Raised Handles and Body, Japanned. Per Dozen
No. 80—11 in. Long, 3¾ in. Blade, Weight Per Dozen About 21 Lbs.....$15.60
The Blade of this Scraper can be sprung to a curve by means of a thumb screw giving ease of operation and quickness of cut.
One-twelfth Dozen in a Box.

STANLEY'S



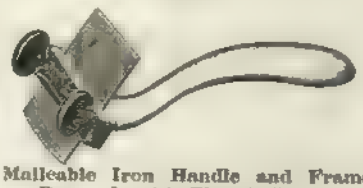
Japanned Iron Frame, Single Hardwood Handle and Knob. Per Dozen
No. 82—14½ in. Long, 3 in. Adjustable Steel Blade, Weight Per Dozen 21 Lbs.....$16.65
The Handle can be tilted to give the blade any desired angle. Special blades of different forms and widths can be securely held in any position required, permitting the Tool to be worked in many places inacessible by other tools.
One-twelfth Dozen in a Box.

Cabinet Scrapers.

STANLEY'S

One Piece Cast Raised Handle and Body, Nickel Plated, Rosewood Face. Per Dozen
No. 81—10 in. Long, 2½ in. Blade, Weight Per Dozen About 27 Lbs.....$24 45
This Scraper has a rosewood face for use in the finest cabinet work
One-twelfth Dozen in a Box

FOX



Malleable Iron Handle and Frame, Bronzed, with Thumb Screws, Tempered Steel Blades. Per Dozen
No. 8—7 in. Long, 2x3 in Steel Blade, Weight Per Dozen About 7 Lbs.....$6.10
One Dozen in a Box.

ATKINS' RAMSHORN

Selected Wood Handle, Silver Steel Blade, 19 Gauge. Per Dozen
No. 201—12 in Long, 3½x3 in Blade, Weight Per Dozen About 18 Lbs.....$14.00
One-twelfth Dozen in a Box

FOX

Wood Body, Varnished, Adjustable Blade, Malleable Handy Clamp. Per Dozen
No. 100—3¼ in Blade, Body 6 in. Long, 3½ in. Wide, 3½ in. High, Weight Per Dozen About 33 Lbs.....$20 00
The Body slides on the Wood insuring a cut of uniform depth. The Blade is fastened with a Handy Clamp and can be adjusted or reversed in a second's time. Work equally well in a horizontal or perpendicular position
One-twelfth Dozen in a Box.

POCKET KNIVES

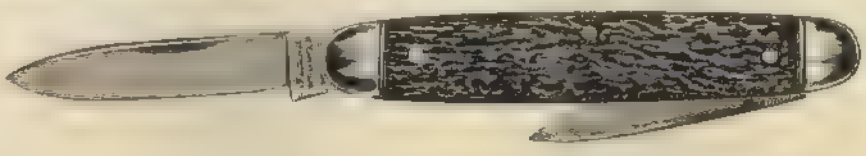
Cuts Full Size.

GEORGE WOSTENHOLM & SON, I-XL

Best Quality English Crucible Steel Blades, Highly Tempered, Sharpened Ready for Use.

Per Dozen

No. 2079—Two Blades, 1 Large Spear Point and 1 Pen, Polished, 3⅛ in Buffalo Horn Handle, Brass Lined ..$. . .



Per Dozen

No. 2136—Two Blades, 1 Large Spear Point and 1 Pen, Polished, 3 in Stag Handle, Brass Lined, German Silver Bolster ..... $ . .

No. 2138—Same as No. 2136, but Pearl Handle. .... $ . .

Per Dozen

No. 2284—Two Blades, 1 Large Spear Point and 1 Pen, Polished 3⅛ in Pearl Handle, Brass Lined .... ..$.....

Per Dozen

No. 2018—Two Blades, 1 Large Spear Point and 1 Pen, Polished, 3¼ in Ivory Handle Brass Lined . . $ . .

Per Dozen

No. 2060—Two Blades, 1 Large Spear Point and 1 Pen Polished 3¼ in. Stag Handle Brass Lined . . . .$. .

er Dozen

No. 2204—Two Blades, 1 Large Spear Point and 1 Pen, Polished, 3⅛ in. Stag Handle, Brass Lined, German Silver Bolsters ..... $ . .

Per Dozen

No. 2201—Two Blades, 1 Large Clip Point and 1 Pen, Polished, 3¼ in Stag Handle, Brass Lined, German Silver Bolsters .. .. $. .

All Above, One-half Dozen in a Box.

POCKET KNIVES

Cuts Full Size

GEORGE WOSTENHOLM & SON. I-XL

Best Quality English Crucible Steel Blade, Highly Tempered, Sharpened Ready for Use.

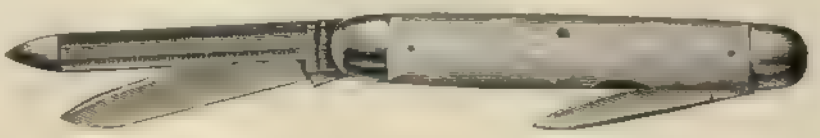
Per Dozen

No. 2153 Two Blades, 1 Large Sheepsfoot and 1 Pen. Polished 3⅛ in. Stag Handle Brass Lined, German Silver Bolsters ..... $

No. 14340.

Per Dozen

No. 14336—Three Blades, 2 Pen and Nail File, Polished, 2¾ in. Stag Handle Brass Lined German Silver Tips. $
No. 14340—Same as No. 14336, but Pearl Handle.



No. 15187

Per Dozen

No. 15184—Three Blades, 2 Pen and Nail File, Polished, 2⅝ in. Stag Handle, Brass Lined, German Silver Bolsters ..... $
No. 15185—Same as No. 15184, but Ivory Handle
No. 15187—Same as No. 15184, but Pearl Handle

No. 15405.

Per Dozen

No. 15331 Three Blades, 2 Pen and Nail File Polished, 3⅛ in. Stag Handle, Brass Lined, German Silver Tips. $
No. 15405—Same as No. 15331, but Pearl Handle

No. 14426.

Per Dozen

No. 14426—Three Blades, 2 Pen and Nail File, Polished ⅞ in. Stag Handle, Brass Lined, German Silver Tips. $
No. 14422—Same as No. 14426, but 2 Pen Blades, no File

Per Dozen

No. 11071—Three Blades, 2 Pen and Nail File, Polished, 3 in. Stag Handle, Brass Lined, German Silver Bolsters ..... $

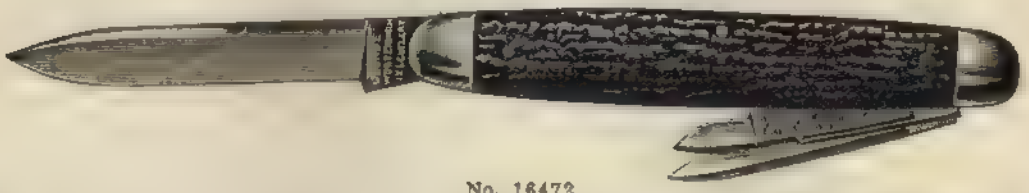
All Above, One half Dozen in a Box.

POCKET KNIVES

Cuts Full Size.

GEORGE WOSTENHOLM & SON, I-XL

Best Quality English Crucible Steel Blades, Highly Tempered, Sharpened Ready for Use.



No. 16472.

Per Dozen

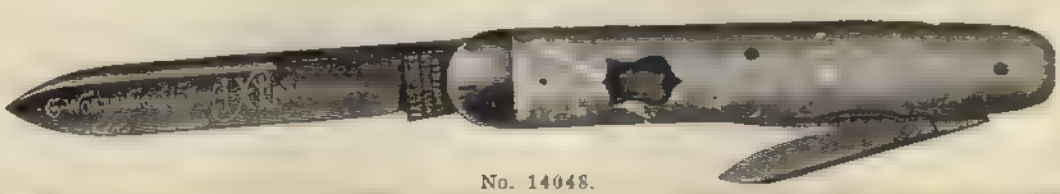
No. 16753 Three Blades, 2 Pen and Nail File, Polished 3 in Stag Handle, Brass Lined, German Silver Bolsters .....$.....

No. 15252—Three Blades, 2 Pen and 1 File Glazed, 3⅜ in. Black Handle, Brass Lined, German Silver Bolsters .....

No. 16472—Same as No 15252, but Stag Handle .....

Per Dozen

No. 2065—Three Blades, 1 Large Spear Point and 2 Pen, Polished, 3⅜ in Stag Handle, Brass Lined, German Silver Tips .....$.....

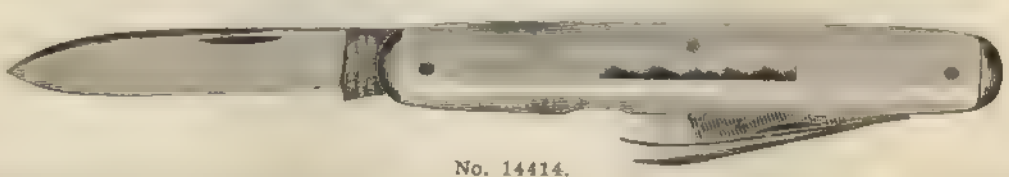


No. 14048.

Per Dozen

No. 14051—Three Blades, 1 Large Spear Point, 1 Pen and Nail File Polished, 3⅜ in. Stag Handle, Brass Lined, German Silver Bolster .....$.....

No. 14048—Same as No. 14051, but Pearl Handle .....

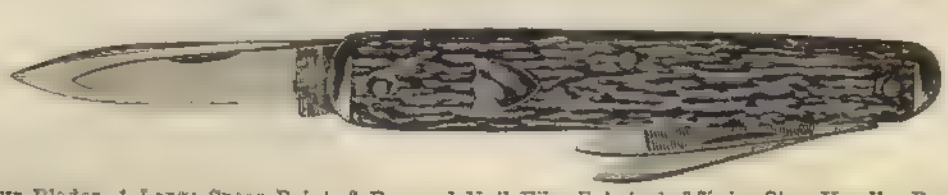


No. 14414.

Per Dozen

No. 14410 Three Blades 1 Large Spear Point, 1 Pen and Nail File, Polished, 3⅛ in. Stag Handle, Brass Lined, German Silver Tips .....$.....

No. 14414—Same as No. 14410, but Pearl Handle .....



Per Dozen

No. 2074 Four Blades, 1 Large Spear Point, 2 Pen and Nail File Polished, 3⅜ in Stag Handle, Brass Lined, German Silver Tips .....$.....

Per Dozen

No. 14284—Four Blades, 1 Large Sheepsfoot, 2 Pen and Nail File, Polished, 3¼ in Pearl Handle, Brass Lined .....$.....

All Above, One-half Dozen in a Box.

POCKET KNIVES

Cuts Full Size.

GEORGE WOSTENHOLM & SON, I-XL

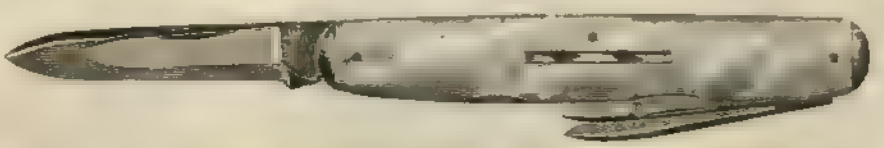
Best Quality English Crucible Steel Blade, Highly Tempered, Sharpened Ready for Use.

No. 14372.

Per Dozen

No. 14368—Four Blades 1 Large Spear Point, 2 Pen and Nail File, Polished 3 in Stag Handle, Brass Lined, German Silver Tips. . . . . $. . . . .

No. 14372—Same as No. 14368, but Pearl Handle. . . . . .



Per Dozen

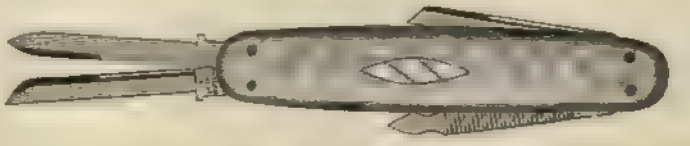
No. 14396FE—Four Blades 1 Large Spear Point, 2 Pen and Nail File Polished Pearl Handle, 2 in Brass Lined, German Silver Tips. . . . . $ . .

Per Dozen

No. 5582—Two Blades 1 Large Spey and 1 Pen, 1 Nail File and Cleaner, Polished, 2½ in Pearl Handle, Brass Lined . . . . . $.

Per Dozen

No. 5624—Manicure, 1 Pen and Nail File, Polished, 2⅜ in. Pearl Handle, Brass Lined. . . . . $. . . .



Per Dozen

No. 13613—Four Blades 2 Pen and Nail File Polished 2½ in. Pearl Handle Brass Lined . . . . . $

Per Dozen

No. 2222—Manicure, Two Blades, 1 Pen and Nail File, Polished 2⅜ in. Stag Handle, German Silver Tips and Shield . . . . . $. . .

No. 2222P—Same as No. 2222, but Pearl Handle . . . . . .

Per Dozen

No. 21—Two Blades, 1 Large Spear Point and 1 Pen, Polished 2¾ in. Aluminum Handle, Brass Lined . . . . . $ . .

All Above, One-half Dozen in a Box.

POCKET KNIVES

Cuts Full Size.

GEORGE WOSTENHOLM & SON, I-XL

Best Quality English Crucible Steel Blades, Highly Tempered, Sharpened Ready for Use.

No. 8762.

Per Dozen

No. 15090—**Combination,** Two Blades, 1 Large Spear Point and 1 Pen, 1 Nail File and Cleaner, 1 Folding Scissors, Polished, 3 in. Stag Handle, Brass Lined, German Silver Bolster and Shield.....$.....

No. 8762—Same as No. 15090, but Pearl Handle.....

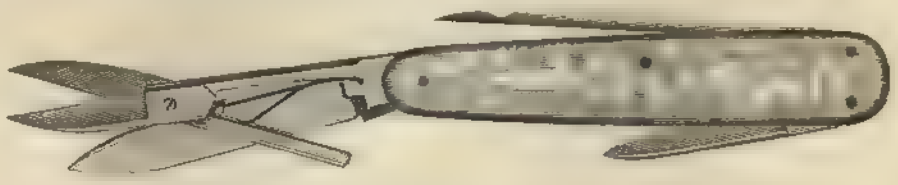
No. 16657.

Per Dozen

No. 16740—**Combination,** Three Blades, 2 Pen and 1 Nail File, 1 Each Button Hook, Cork Screw and Folding Nail Scissors, Polished, 3 in. Stag Handle, Brass Lined, German Silver Tips and Shield.....$.....

No. 16658—Same as No. 16740, but Shell Handle.....

No. 16657—Same as No. 16740, but Pearl Handle.....



No. 15151.

Per Dozen

No. 15126—**Combination,** Three Blades, 1 Large Spear Point, 1 Pen, 1 Nail File and Cleaner, and 1 Folding Nail Scissors, Polished, 2¾ in. Stag Handle, Brass Lined, German Silver Shield.....$.....

No. 15125—Same as No. 15126, but Black Handle.....

No. 15151—Same as No. 15126, but Pearl Handle.....

No. 15713.

Per Dozen

No. 15658—Two Blades, 1 Large Spear Point and 1 Pen, Cork Screw and Bottle Opener, Polished, 3¼ in. Pearl Handle, Brass Lined, German Silver Bolsters and Shield.....$.....

No. 15713—Same as No. 15658, but 3⅝ in.....

Per Dozen

No. 12044G—Two Blades, 1 Large Spear Point and 1 Pen, Polished, 3½ in. Ebony Handle, Brass Lined, German Silver Bolster and Cap.....$.....

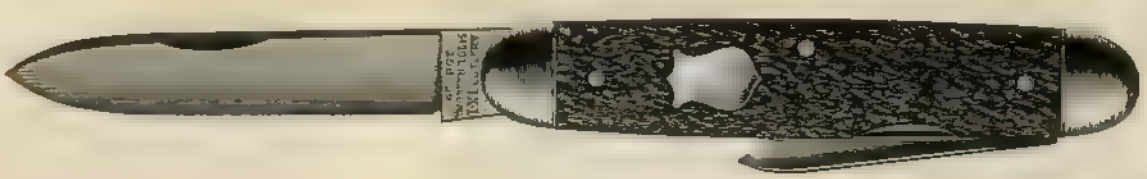
All Above, One-half Dozen in a Box.

POCKET KNIVES

Cuts Full Size.

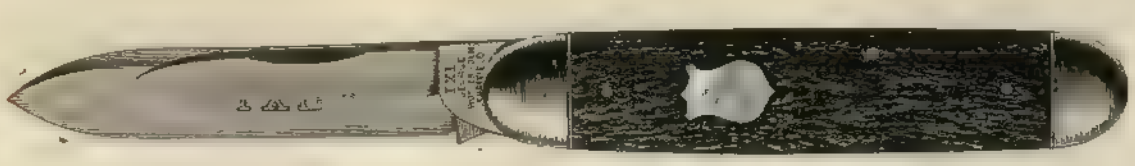
GEORGE WOSTENHOLM & SON, I-XL

Best Quality English Crucible Steel Blades, Highly Tempered, Sharpened Ready for Use.



Per Dozen

No. 2055—Two Blades, 1 Large Spear Point and 1 Pen, Glazed, 3⅝ in. Stag Handle, Brass Lined, German Silver Bolster, Cap and Shield.....$.....

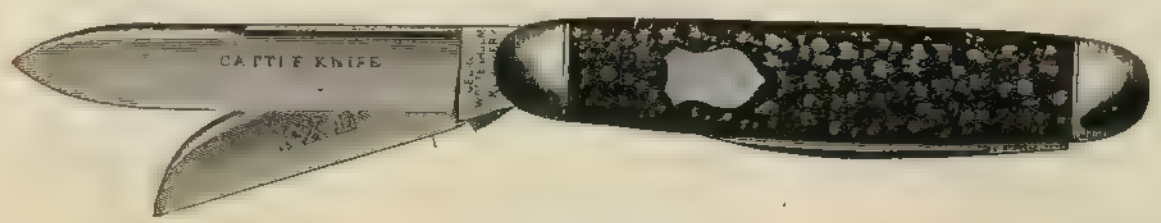


Per Dozen

No. 2043—Two Blades, 1 Large Spear Point and 1 Pen, Polished, 3½ in. Stag Handle, Brass Lined, German Silver Bolster, Cap and Shield.....$.....

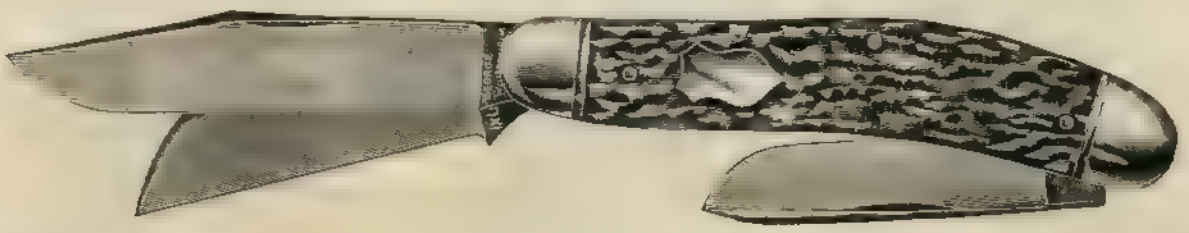
Per Dozen

No. 2241—Two Blades, 1 Large Spear Point and 1 Pen, Polished, 3½ in. Stag Handle, Brass Lined, German Silver Bolsters and Shield.....$.....



Per Dozen

No. 2034—Three Blades, 1 Large Spear Point, 1 Sheepsfoot and 1 Pen, Glazed, 3⅝ in. Stag Handle, Brass Lined, German Silver Bolsters and Shield.....$.....



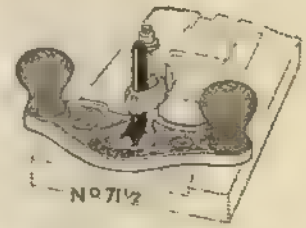
Per Dozen

No. 2233—Three Blades, 1 Large Sabre Clip, 1 Sheepsfoot and 1 Spey, Glazed, 3¾ in. Stag Handle, Brass Lined, German Silver Bolsters and Shield.....$.....

All Above, One-half Dozen in a Box.

ADJUSTABLE IRON PLANES

STANLEY'S ROUTER



Each

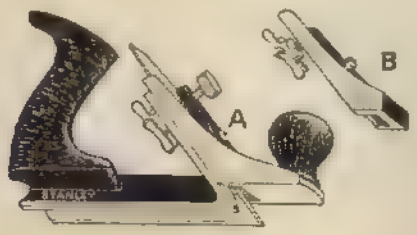
No. 71 7½ in Long, Open Throat, Nickel Plated, ¼ and ½ in Cutters, Complete with Two Attachments, One for Regulating the Thickness of the Chip, the Other for Closing the Throat for Use on Narrow Surfaces, Weight Each 2⅝ Lbs. **$2.05**

No. 71½ 7½ in Long Closed Throat Nickel Plated, ¼ and ½ in Cutters, the Ordinary Form of Router Plane, Weight Each 2⅛ Lbs **$1.65**

These Planes are for surfacing the bottom of grooves or other depressions parallel with the general surface of the work. The bottoms of both styles are designed so that an extra wooden bottom of any size desired can be screwed on, enabling the user to router on large openings. The cutters have screw adjustment, and can be held as shown in above illustrations, or on the back of the cutter post, for bull-nose work.

One in a Box

STANLEY'S ADJUSTABLE CHAMFER



Each

No. 72—9 in. Long, 1⅝ in. Cutter, Japanned Iron Stock, Rosewood Handle and Knob Weight Each 3⅜ Lbs **$2 20**

This Plane will do perfect chamfer or stop-chamfer work. It has a ninety degree V bottom which acts as a mitre guide. To this is attached an adjustable front "A" having a flat bottom which carries the cutter; this front can be set for different sizes of chamfer. Front "A" can be readily detached and a bull-nose front "B" (furnished with the plane) substituted, permitting the plane to be worked up close into corners.

One in a Box.

STANLEY'S IMPROVED RABBET

Japanned Iron Stock, without Spur, with Detachable Depth Gauge.

Each

No. 180 8 in Long, 1½ in. Cutter, Weight Each 2½ Lbs. **$1 10**
No. 181 8 in Long, 1¼ in Cutter, Weight Each 2⅛ Lbs **1 10**
No. 182—8 in. Long, 1 in. Cutter, Weight Each 2 Lbs **1.10**

These Planes will lie perfectly flat on either side and can be used equally as well with right or left hand while planing into corners or up against perpendicular surfaces.

One in a Box.

STANLEY'S DUPLEX, FILLETSTER AND RABBET

Each

No. 78—8⅛ in. Long, 1⅛ in. Cutter, Japanned Iron Stock, with Spur and Detachable Depth Gauge, Weight Each 3 Lbs. **$1.65**

This Plane has two seats for the cutter, one for regular work and the other where a bull-nose is required. It has a spur and a removable depth gauge. The adjustable fence can be used on either side and slides under the bottom regulating the width of the cut. To work same as a rabbet plane remove fence and arms.

One in a Box.

STANLEY'S IMPROVED DADO

Japanned Iron Stock, 8 in. Long, with Skew Cutters, Adjustable Depth Gauge and Two Adjustable Spurs.

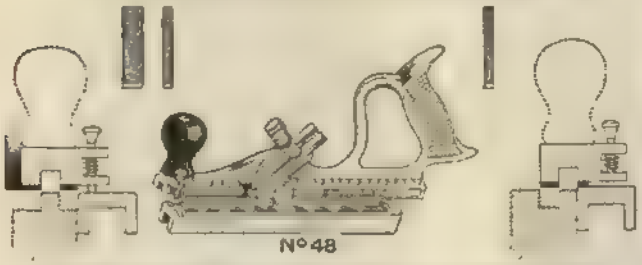
Nos.	39¾	39⅞	39–1
Cutter, Inches	¾	⅞	1
Weight Each, Lbs	2	2¼	2¼
Each	$1 65	1 65	1 65

The great advantage of these Dado Planes over those of wood is that they will keep true under all conditions even in the narrowest widths. They have skew cutters an adjustable depth gauge and two adjustable spurs, one on each side of the plane. This adjustable feature permits of the spurs being adjusted to take up wear as well as for the depth of the cut.

One in a Box.

ADJUSTABLE IRON PLANES

STANLEY'S SWINGING FENCE MATCHING



Nickel Plated Iron Handle and Body, Rosewood Knob.

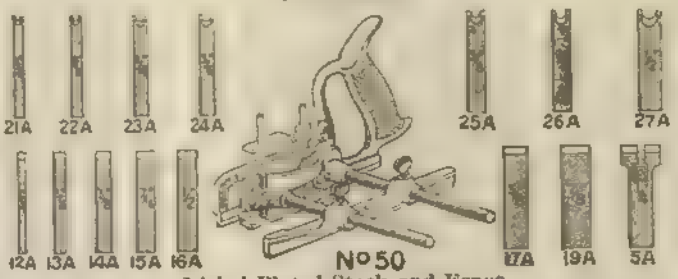
Each

No. 48—Cuts , in. Grooves on ⅝ to 1¼ in Boards, Centers on ⅞ in., Weight Each 3¾ Lbs. . . $2 75

This form has two plow cutters of the same width, and one extra wide cutter. The fence in one setting exposes two cutters for cutting the tongue, and when reversed leaves only one exposed for cutting the groove. On thicker boards than the plane works on center the extra wide cutter is substituted for groove cutter when cutting tongue.

One in a Box.

STANLEY'S COMBINED PLOW, BEADING AND MATCHING



Nickel Plated Stock and Fence.

Each

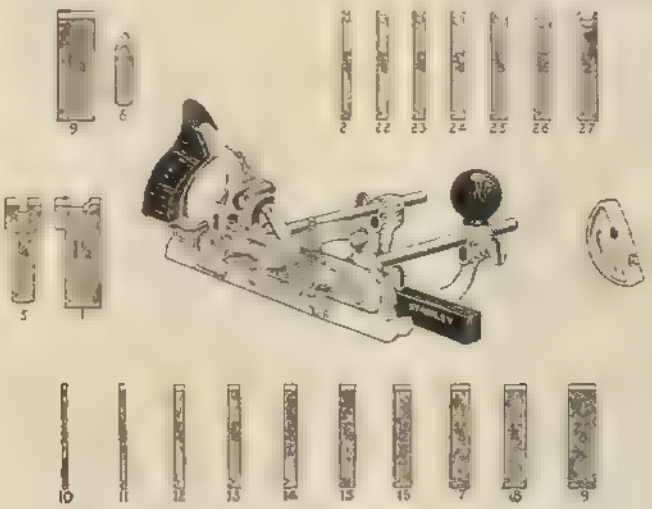
No. 50—9¼ in. Long, Complete with 15 Cutters, Weight Each 3½ Lbs. $5 00

The Cutters comprise 7 plow and dado bits, one each ¼ , ⅜ , ½ , ⅝ and ⅞ in., 7 beading tools, one each ⅛, , ¼, , and ½ in., and a ¼ in. tongueing tool.

A very handy tool for light work. It consists of a main stock carrying a spur and a depth gauge, forming a support for one side of the cutter, a sliding section carrying a spur and forming a support for the other side of the cutter and a fence with a 5 in. adjustment.

One in a Box.

STANLEY'S "FORTY-FIVE"



Seven Tools in One in Compact and Practical Form.

Each

No. 45—10 in. Long, Nickel Plated Stock and Fence, Rosewood Handle and Knob, Complete with 21 Cutters as Described Below. $7.00

Weight Each 9½ Pounds

One in a Neat Steel Box, Complete with Cutters.

This Plane embraces in a compact and practical form (1) beading and center beading plane; (2) plow; (3) dado; (4) rabbet and filletster; (5) match plane; (6) sash plane; (7) slitting plane.

Each Plane is accompanied by seven beading tools (⅛, , ¼, , ⅜, and ½ in.), ten plow and dado bits (⅛, , ¼, , ⅜, , ½, ⅝, ¾ and ⅞ in.), a filletster, slitting, match and sash tools; twenty-one tools in all.

The Plane is fitted with spurs for use across the grain, etc., and can be used either right or left hand.

CAM REST

For beading at a distance from the edge of a board attach Cam Rest (face cut at right of plane) to the front arm between the sliding section and fence to prevent the fence sagging. In certain work attach same to the rear arm to prevent the plane from rocking.

STANLEY'S HOLLOWS AND ROUNDS
For Use on No. 45 Plane Only.

Japanned Cast Iron, Polished Faces, Steel Set Screws. Complete with Cutters.

Nos.	6	8	10	12
Width of Cutters, Inches	½	⅝	¾	1
Work Circle, Inches	¾	1	1¼	1½
Per Pair	$1.40	1.40	1 50	1.50

A pair consists of One Round and Two Cutters. A Hollow and its Cutters will form a **ROUND** or the moulding being worked. A Round and its Cutter will form a **HOLLOW.**

STANLEY'S NOSING TOOL

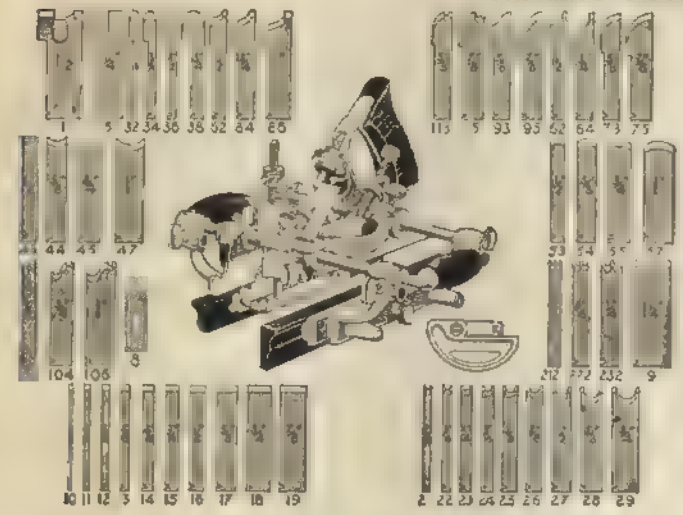
Each

No. 5—Japanned Cast Iron Body with Polished Face, Steel Set Screws, 1¼ in. Cutter, Works 1¼ in. Circle for Use on No. 45 Plane Only. $1.00

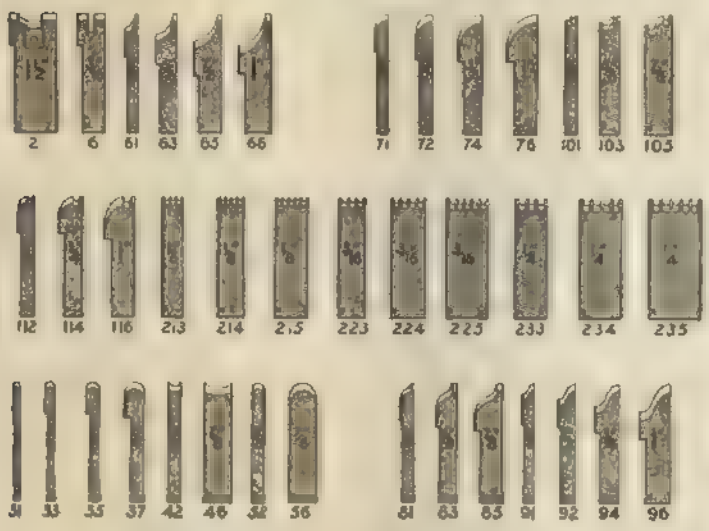
A Nosing Tool and its Cutter will form what might be called an exaggerated Round. Used for shaping the edges of stair treads.

ADJUSTABLE IRON PLANES

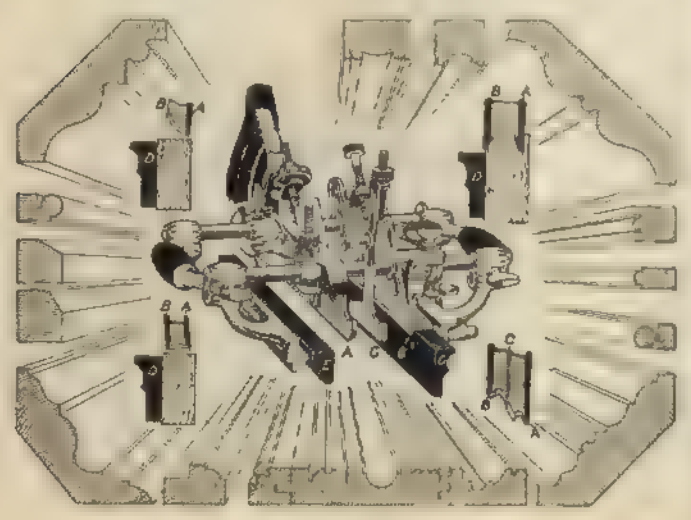
STANLEY'S "FIFTY-FIVE."



Cuts Showing No 55 Plane and Cutters Furnished with Same



Cuts Showing Special Cutters for No. 55 Plane.



Cut Shows Some of the Mouldings that can be made with Cutters regularly furnished with No 55 Plane.

This Tool, in addition to being a Beading and Center Beading Plane, a Plow, Dado, Rabbet, Fillestser, and Match Plane, a Sash Plane and a Slitting Plane, is also a superior Moulding Plane, and will accommodate cutters of almost any shape and size. In fact, it is "a Planing Mill within Itself."

The Iron is fitted with Spurs for working across the grain and a special Cam Rod is located on the front arm when working at a distance from the edge of the board, to keep the Fence from sagging, or on the rear arm on certain work, to prevent the possibility of the Plane rocking. All parts are interchangeable

No. 55—10 in Long, Nickel Plated Stock Rosewood Handles and Fences, Complete with 52 Cutters as Described Below, Put Up in a Neat Steel Box. Weight Each Complete 15¼ Lbs.....Each, $14.00

The following cutters are furnished with each Plane. The price is given in case duplicates should be required

	Size	Style	Each
No.	1—1½	in Sash Tool	$0 50
No.	3— ¼	in Match Tool	50
No.	8—	Slitting Tool	50
No.	5—1¼	in Fillester	55
No.	10— ⅛	in., Plow and Dado Tool	15
No.	11— ⅛	in., Plow and Dado Tool	15
No.	12— ⅛	in., Plow and Dado Tool	15
No.	13— ⅛	in., Plow and Dado Tool	15
No.	14— ⅜	in., Plow and Dado Tool	20
No.	15— ⅛	in., Plow and Dado Tool	20
No.	16— ⅛	in., Plow and Dado Tool	20
No.	17— ⅜	in., Plow and Dado Tool	20
No.	18— ⅜	in., Plow and Dado Tool	20
No.	19— ⅜	in., Plow and Dado Tool	25
No.	21— ⅛	in., Beading Tool	15
No.	22— ⅛	in., Beading Tool	15
No.	23— ⅜	in., Beading Tool	15
No.	24— ⅛	in., Beading Tool	20
No.	25— ⅜	in., Beading Tool	20
No.	26— ⅛	in., Beading Tool	25
No.	27— ½	in., Beading Tool	25
No.	28— ⅝	in., Beading Tool	30
No.	29— ¾	in., Beading Tool	30
No.	32— ⅝	in., Fluting Tool	30
No.	34— ¾	in., Fluting Tool	30
No.	36— ½	in., Fluting Tool	30
No.	38— ¾	in., Fluting Tool	30
No.	43— ½	in., Hollow 20 No. 53— ½ in., Round	20
No.	44— ⅝	in., Hollow 20 No. 54— ⅝ in., Round	20
No.	45— ¾	in., Hollow 20 No. 55— ¾ in., Round	20
No.	47—1	in., Hollow 20 No. 57—1 in., Round	20
No.	63— ½	in., Quarter Hollow	45
No.	64— ⅝	in., Quarter Hollow	50
No.	73— ⅝	in., Quarter Round	45
No.	75— ¾	in., Quarter Round	50
No.	82— ½	in., Reverse Ogee	45
No.	84— ¾	in., Reverse Ogee	50
No.	86—1	in., Reverse Ogee	50
No.	93— ⅝	in., Roman Ogee	45
No.	95— ¾	in., Roman Ogee	50
No.	102— ½	in., Grecian Ogee	45
No.	104— ¾	in., Grecian Ogee	50
No.	106—1	in., Grecian Ogee	50
No.	112— ⅛	in., ⅛ Round with Bead	45
No.	115— ¼	in., ¼ Round with Bead	50
No.	212— ⅛	in., Reeding Tool, 2 Beads	40
No.	223— ⅛	in., Reeding Tool, 2 Beads	30
No.	232— ⅛	in., Reeding Tool, 2 Beads	30

SPECIAL CUTTERS FOR No. 55 PLANE.

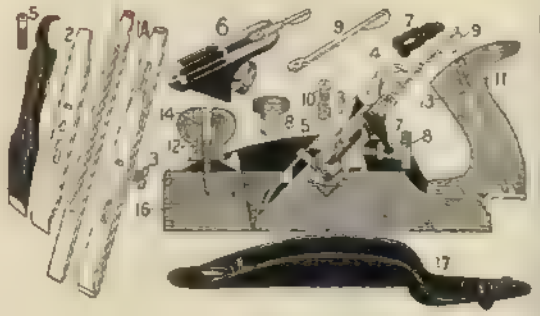
	Size	Style	Each
No.	2—1½	in Sash Tool	$0 50
No.	6— ¼	in Match Tool	50
No.	61— ½	in Fluting Tool	30
No.	62— ⅝	in Fluting Tool	30
No.	65— ¾	in Fluting Tool	30
No.	37— ⅝	in., Fluting Tool	30
No.	43— ½	in., Hollow 20 No. 63—½ in., Round	20
No.	46— ⅝	in., Hollow 20 No. 56—⅝ in., Round	20
No.	61— ½	in., Quarter Hollow	45
No.	63— ⅝	in., Quarter Hollow	45
No.	65— ¾	in., Quarter Hollow	50
No.	66—1	in., Quarter Hollow	50
No.	71— ½	in., Quarter Round	45
No.	72— ⅝	in., Quarter Round	45
No.	74— ¾	in., Quarter Round	50
No.	76—1	in., Quarter Round	50
No.	81— ½	in., Reverse Ogee	45
No.	83— ⅝	in., Reverse Ogee	45
No.	85— ¾	in., Reverse Ogee	50
No.	91— ½	in., Roman Ogee	45
No.	92— ⅝	in., Roman Ogee	45
No.	94— ¾	in., Roman Ogee	50
No.	96—1	in., Roman Ogee	50
No.	101— ½	in., Grecian Ogee	45
No.	103— ⅝	in., Grecian Ogee	45
No.	105— ¾	in., Grecian Ogee	50
No.	111— ⅛	in., ⅛ Round with Bead	45
No.	113— ⅛	in., ⅛ Round with Bead	45
No.	114— ¼	in., ¼ Round with Bead	50
No.	116—1	in., ¼ Round with Bead	50
No.	213— ⅛	in., Reeding Tool, 3 Beads	30
No.	214— ⅛	in., Reeding Tool, 4 Beads	40
No.	215— ⅛	in., Reeding Tool, 5 Beads	50
No.	223— ⅛	in., Reeding Tool, 3 Beads	30
No.	224— ⅛	in., Reeding Tool, 4 Beads	40
No.	225— ⅛	in., Reeding Tool, 5 Beads	50
No.	233— ⅛	in., Reeding Tool, 3 Beads	30
No.	234— ⅛	in., Reeding Tool, 4 Beads	40
No.	235— ⅛	in., Reeding Tool, 5 Beads	50

EXTRA PARTS FOR STANLEY PLANES

"BAILEY" IRON PLANES.

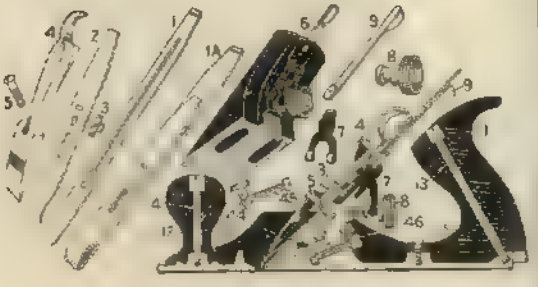
NO	NAME OF PART	NO OF PLANE	1	2 2c	3 3c	4 4c	4½ c	5 5c	5½ c	6 6c	7 7c	8 8c
1A	Double Plane Iron		$0 32	0 35	0 38	0 42	0 48	0 42	0 47	0 48	0 48	0 50
1	Single " "		18	21	23	25	29	25	28	29	29	32
2	Plane Iron Cap		14	14	15	17	19	17	19	19	19	19
3	Cap Screw		05	05	05	05	05	05	05	05	05	05
4	Lever Cap		25	25	25	25	25	25	25	25	25	25
5	" " Screw		05	05	05	05	05	05	05	05	05	05
6	Frog Complete		35	35	35	35	35	35	35	35	35	35
7	"Y" Adjusting Lever		05	05	05	05	05	05	05	05	05	05
8	Adjusting Nut		10	10	10	10	10	10	10	10	10	10
9	Lateral Adj. Lever		10	10	10	10	10	10	10	10	10	10
10	Frog Screw		05	05	05	05	05	05	05	05	05	05
11	Plane Handle		20	20	20	20	20	20	20	20	20	20
12	" Knob		15	15	15	15	15	15	15	15	15	15
13	Handle Bolt & Nut.		10	10	10	10	10	10	10	10	10	10
14	Knob " "		10	10	10	10	10	10	10	10	10	10
15	Plane Handle Screw						05	05	05	05	05	05
16	Plane Bottom		65	85	1 00	1 00	1 20	1 20	1 20	1 65	2 35	2 85
46	Frog Adj. Screw		05	05	05	05	05	05	05	05	05	05

"BAILEY" WOOD PLANES.



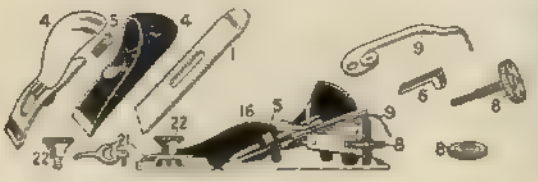
NO	NAME OF PART	NO OF PLANE	21 22 23	24 25 35	26	27	27½	28 29	30 31	32 33 34	36	37
1A	Double Plane Iron		$0 38	0 42	0 42	0 45	0 47	0 48	0 48	0 50	0 48	0 50
1	Single " "		23	25	25	27	28	29	29	32	29	32
2	Plane Iron Cap		15	17	17	18	19	19	19	19	19	19
3	Cap Screw		05	05	05	05	05	05	05	05	05	05
4	Lever Cap		20	20	20	20	20	20	20	20	20	20
5	" " Screw		05	05	05	05	05	05	05	05	05	05
6	Frog Complete		30	30	30	30	30	30	30	30	30	30
7	"Y" Adjusting Lever		05	05	05	05	05	05	05	05	05	05
8	Adjusting Nut		10	10	10	10	10	10	10	10	10	10
9	Lateral Adj. Lever		10	10	10	10	10	10	10	10	10	10
10	Frog Screw & Bushing		10	10	10	10	10	10	10	10	10	10
11	Plane Handle			10	10	10	10	10	10	10	10	10
12	" Knob		10	10	10	10	10	10	10	10	10	10
13	Handle Bolt & Nut.			10	10	10	10	10	10	10	10	10
14	Knob " "		10	10	10	10	10	10	10	10	10	10
16	Plane Bottom		40	40	50	50	50	70	80	85	50	70
17	Top Casting		20	20	20	20	20	20	20	20	20	20

"BED ROCK" PLANES.



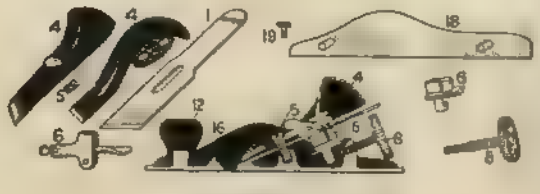
NO	NAME OF PART	NO. OF PLANE	602 C	603 C	604 C	604½ C	605 C	605½ C	606 C	607 C	608 C	606 C
1A	Double Plane Iron		$0 35	0 38	0 42	0 48	0 42	0 47	0 48	0 48	0 50	0 50
1	Single " "		21	23	25	29	25	28	29	29	32	32
2	Plane Iron Cap		14	15	17	19	17	19	19	19	18	18
3	Cap Screw		05	05	05	05	05	05	05	05	05	05
4	Lever Cap		30	30	30	30	30	30	30	30	30	30
5	" " Screw		05	05	05	05	05	05	05	05	05	05
6	Frog Complete		50	50	50	50	50	50	50	50	50	50
7	"Y" Adjusting Lever		05	05	05	05	05	05	05	05	05	05
8	Adjusting Nut		10	10	10	10	10	10	10	10	10	10
9	Lateral Adj. Lever		10	10	10	10	10	10	10	10	10	10
11	Plane Handle		20	20	20	20	20	20	20	20	20	20
12	" Knob		15	15	15	15	15	15	15	15	15	15
13	Handle Bolt & Nut		10	10	10	10	10	10	10	10	10	10
14	Knob " "		10	10	10	10	10	10	10	10	10	10
15	Plane Handle Screw					05	05	05	05	05	05	05
16	Plane Bottom		1 10	1 25	1 25	1 50	1 50	1 60	2 20	3 10	3 60	3 50
44	Frog Pin		10	10	10	10	10	10	10	10	10	10
45	Frog Clamping Screw		05	05	05	05	05	05	05	05	05	05
46	Frog Adjusting Screw		05	05	05	05	05	05	05	05	05	05

"BAILEY" AND STANLEY BLOCK PLANES.



NO	NAME OF PART	NO OF PLANE	9 9½	15 15½	16 17	18	19	60	60½	61	65	65½
1	Single Plane Iron		$0 17	0 17	0 17	0 17	0 17	0 17	0 17	0 17	0 17	0 17
4	Lever Cap		10	10	15	20	20	15	10	15	15	10
5	" " Screw		05	05	05	05	05	05	05	05	05	05
6	Frog Complete							10	10	10	10	10
7	Adjusting Lever		05	05	05	05	05					
8	Adjusting Nut		10	10	10	10	10	10	10	10	10	10
9	Lateral Adj. Lever		10	10	10	10	10					
11	Plane Handle		25	25								
16	Plane Bottom		70	75	75	70	75	60	60	40	75	75
21	Eccentric Plate		10	10	10	10	10	10	10	10	10	10
22	Finger Rest Knob		10	10	10	10	10	10	10	10	10	10

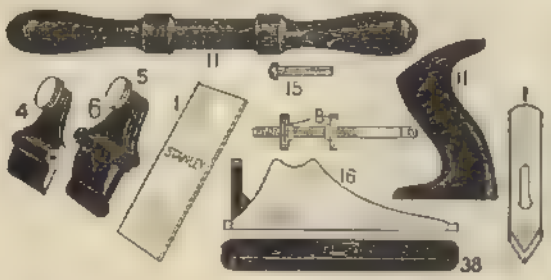
STANLEY BLOCK PLANES.



NO	NAME OF PART	NO OF PLANE	100 101	102	103	110	120	130	131	140	203	220
1	Single Plane Iron		$0 05	0 10	0 10	0 13	0 17	0 13	0 17	0 20	0 20	0 17
4	Lever Cap		05	10	10	10	10	10	10	15	10	10
5	" " Screw								05	05	05	05
6	Frog Complete						15		15	10	10	10
8	Adjusting Nut								10	10	10	10
12	Plane Knob					10	10	10	15	15	10	10
16	Plane Bottom		10	15	20	25	30	35	70	75	25	30
18	Detachable Side									25		
19	Side Screw (Pair)									10		

NOTE—When Ordering Plane Parts, Always Give Plane Number and Part Number.

EXTRA PARTS FOR STANLEY PLANES

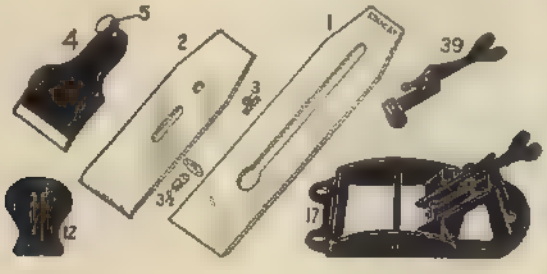


SCRAPER AND CHAMFER PLANES.

NO	NAME OF PART	NO OF PLANE	12 12¼	12¼	112	212	86	87	56	57	72	72½
1	Single Plane Iron		30 20	0 20	0 20	0 20	0 20	0 20	0 25	0 30	0 20	0 20
4	Lever Cap		25	25	20	10	20	20	15	15	10	10
5	" " Screw								05	05	05	05
6	Frog Complete		60	70	35	10	30	30				
8	Adjusting Nut		10	10	10							
10	Frog Screw						05	05				
11	Plane Handle		50	50	20		25	20	20	10	30	30
12	" Knob				15	20	20	20		10	15	15
13	Handle Bolt & Nut				10		10	10		10	10	10
14	Knob " "				10	10	10	10		10	10	10
15	Plane Handle Screw		05	05								
16	Plane Bottom		1 20	80	1 20	80	1 00	80	1 00	2 50	1 50	1 50
38	Extra Wood Bottom		60									

RABBET AND ROUTER PLANES.

NO.	NAME OF PART	NO OF PLANE	90 92	93	94	196	98	99	71	71½	76	96
1	Single Plane Iron		30 30	0 30	0 30	0 25	0 20	0 20	0 30	0 30	0 20	0 20
4	Lever Cap		15	15	15	10	10	10			10	10
12	Plane Knob						15	15	15	15		
14	Knob, Bolt & Nut								10	10		
16	Plane Bottom		1 75	2 10	2 50	1 20	60	60	1 00	1 00	30	80
27	Cutter Bolt Adj Screw		20	20	20							
47	Extra Attachment								25			
48	Collar								25	25		

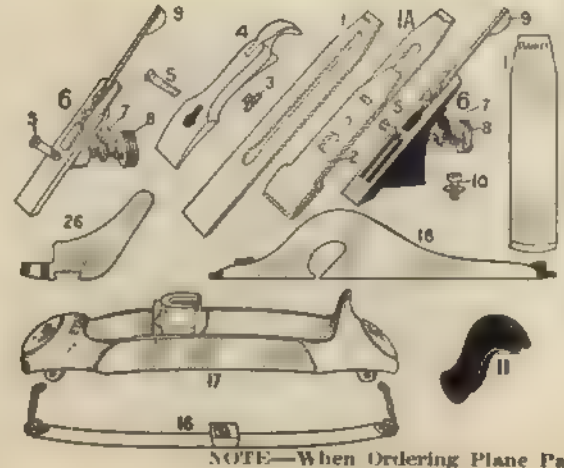


LEVER ADJUSTMENT AND SPECIAL PLANES.

NO	NAME OF PART	NO OF PLANE	104	105	122	127	129	132	136	340	62	97
1A	Double Plane Iron		80 45	0 45	0 38	0 46	0 48	0 50	0 45			
1	Single "		27	27	23	27		32	27	30	30	45
2	Plane Iron Cap		18	18	15	18	19	18	18			
3	Cap Screw		05	05	05	05	05	05	05			
3½	Adj Stud & Nut		05	05	05	05	05	05	05			
4	Lever Cap		10	10	10	10	10	10	10	10	15	15
5	" " Screw									05	05	05
11	Plane Handle		20	20		10	10	10	10	10	30	
12	" Knob		15	15	10	10	10	10	10	15	15	15
13	Handle Bolt & Nut		10	10		10	10	10	10	10	10	
14	Knob " "		10	10						10	10	10
15	Plane Handle Screw					05	05	05	05			
16	Plane Bottom		85	1 35	40	45	70	85	40	80	1 75	1 00
17	Top Casting				30	30	30	30	30			
21	Eccentric Plate										10	
22	Finger Rest Knob										25	
39	Lever Adjustment		20	20	20	20	20	20	20			

RABBET, MATCHING AND DADO PLANES.

NO	NAME OF PART	NO. OF PLANE	39	48	49	78	289	148	147 148	171	180 TO 182	190 TO 192
1	Single Plane Iron (*set)		80 20	0 20	0 20	0 20	0 30	0 65	0 65	40	0 20	0 20
4	Lever Cap		10	10	10	10	10	15	15		10	10
16	Plane Bottom		1 20	1 20	2 00	1 00	1 20	1 50	1 55	90	75	90
50	Fence			50	50	25	20			30		
51	Fence Thumb Screw					05	05			05		
51	Short Arm					10	10			20		
70	Adj. Depth Gauge		20			20	20				20	20
71	Depth Gauge Th. Screw		10			10	10				10	15
85	Spurs with Screws		10			05	05					00



CARRIAGE, CIRCULAR AND SCRUB PLANES.

NO	NAME OF PART	NO. OF PLANE	10 10C	10¼	10½ C	11 11½	113	20 20½	40	40½	51	74
1A	Double Plane Iron		80 45	0 45	0 45	0 48	0 38	0 38			0 48	0 50
1	Single "		27	27	27	29	23	23	20	25	29	32
2	Plane Iron Cap		18	18	18	19	15	15			19	18
3	Cap Screw		05	05	05	05	05	05			05	05
4	Lever Cap		25	25	25	25	25	25	10	10	25	30
5	" " Screw		05	05	05	05	05	05	05	05	05	10
6	Frog Complete		35	35	35	35	35	35			35	
7	"Y" Adjusting Lever		05	05	05	05	05	05			05	
8	Adjusting Nut		10	10	10	10	10	10			10	
9	Lateral Adj. Lever		10	10	10		10	10			10	
10	Frog Screw		05	05	05	05	05	05			05	
11	Plane Handle		20	40	30	30			10	10	20	1 00
12	" Knob		15	30	15				10	10	15	
13	Handle Bolt & Nut		10	10	10				10	10	10	
14	Knob " "		10	10	10				10	10	10	
16	Plane Bottom		1 85	1 50	1 80	1 30	60	80	70	1 00	3 00	2 20
17	Top Casting						1 00	1 50				
28	Frog Seat							60				
35	Bottom Adj Screw						50	25				
36	" " Nut							25				

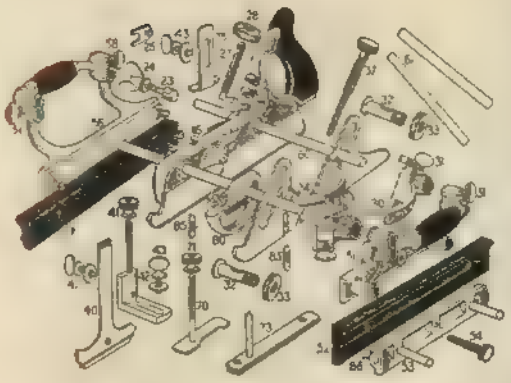
Note—

In several of the Planes, the Parts designated by the same name differ in form.

In these cases the corresponding Parts are given the same number; and when the Part is not shown directly opposite the number of the Plane, it will be found in another place on the plate

NOTE—When Ordering Plane Parts, Always Give Plane Number and Part Number.

EXTRA PARTS FOR STANLEY PLANES



PARTS OF COMBINATION PLANES.

Nos	Name of Part	Planes Nos.	45	46	47	50	55	141 143	444
1	Cutters	Set,	$3 50	2.00	1 00	1.75	6 00	2 00	1 25
16	Main Stock or Bottom		2 50	2 60	2 50	1.75	3 00	3.00	2 50
23	Cutter Bolt		.15	.15	.15	15	.15		
24	Cutter Bolt Wing Nut		.15	.15	.15	15	15		
25	Cutter Bolt Clip and Screws		.05	.05	.05		05		
27	Cutter Bolt Adjusting Screws		10				10		
28	Cutter Bolt Adjusting Wheel		10				10		
30	Sliding Section		1 50	1 50	1 50	30	15		
32	Thumb						15		
33	Thumb Check Nut						10		
34	Adjustable Bottom						1.25		
37	Adjustable Bottom Screw						05		
40	Auxiliary Center Bottom						10		
42	Angle Iron and Adjust. Screws						30		
50	Left Fence		75	75		45	1 35	1 00	1 00
52	Tilting Guard Plate (Wood)						20		
53	Tilting Iron with Swivel						40		
54	Left Fence Adjusting Screw						20		
56	Right Fence						1 00		1 25
57	Right Fence Tilting Plate						20		
60	Long Arms	Pair.	.60	50	50	0	50	50	
61	Short Arms	Pair.	25	25	25		25		35
70	Adjustable Depth Gauge		30	20	20	20	30	30	
73	Adjustable Beading Stop		20				30		
75	Slitting Cutter Stop		10	10	10	10	10		
80	Cam Stop		40				50		
85	Spurs with Screws		07	05	05	05	05		05

Screws Nos 29, 21, 41, 43 51 58 71 78, 81 and 86 $0 10 Each

NOTE—When Ordering Plane Parts, Always Give Plane Number and Part Number.

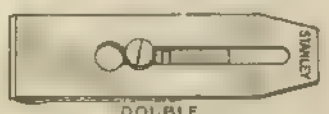
PLANE IRONS

STANLEY'S SINGLE

SINGLE

For "Bed Rock" and "Bailey" Iron and Wood Bottom Planes.

STANLEY'S DOUBLE



DOUBLE

Finest Quality English Steel, Tempered and Ground, Honed Ready for Use.

Width, Inches	1¼	1⅝	1¾	2
Weight Per Dozen, Lbs	1½	2	2½	3
Each	$0 18	21	23	.25
Width, Inches	2⅛	2¼	2⅜	2⅝
Weight Per Dozen, Lbs	3¼	3½	4	5
Each	$0 27	.28	.29	.32

One-half Dozen in a Box

Width, Inches	1¼	1⅝	1¾	2
Weight Per Dozen, Lbs	3½	4	4½	5½
Each	$0 32	.35	.38	.42
Width, Inches	2⅛	2¼	2⅜	2⅝
Weight Per Dozen, Lbs	6¼	7	7¼	8¼
Each	$0 45	.47	.48	.50

One-half Dozen in a Box.

BUCK BROS. SINGLE

For Wood Planes.

No. 59—High Grade English Cast Steel.

Width, Inches	1⅝	1⅞	2	2⅛	2¼	2⅜
Wt. Per Dozen, Lbs.	2½	2½	3	3¼	3½	4
Per Dozen	$3.30	3.60	3.75	3.90	4.50	5.00

One-half Dozen in a Box.

BUCK BROS. DOUBLE

For Wood Planes.

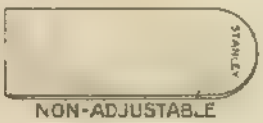
No. 60—High Grade English Cast Steel.

Width, Inches	1⅝	1⅞	2	2⅛	2¼	2⅜
Wt. Per Dozen, Lbs.	4½	4½	5½	6¼	7	7¾
Per Dozen	$6.30	6.70	6 90	7 20	7 90	8 75

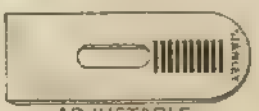
One-half Dozen in a Box

BLOCK PLANE IRONS

STANLEY'S



NON-ADJUSTABLE



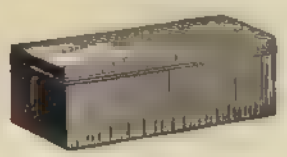
ADJUSTABLE

		Each
No. 1	1 in. Wide, for Nos. 100 and 101 Non-Adjustable Planes	$0.05
No. 2	1⅜ in. Wide, for No. 102 Non-Adjustable Planes	.10
No. 3	1⅜ in. Wide, for No. 103 Adjustable Planes	.10
No. 4	1⅜ in. Wide, for Nos. 60 and 60½ Adjustable Planes	.17
No. 5	1⅝ in. Wide, for No. 120 Adjustable Planes	.17
No. 6	1⅝ in. Wide, for Nos. 110 and 130 Non-Adjustable Planes	.13
No. 7	1¾ in. Wide for No. 140 Adjustable Plane	.20
No. 8	1⅝ in. Wide, for Nos. 9½, 9¾, 15, 16, 18, 65, 65½, 131 and 220 Adjustable Planes	17

One Dozen in a Box.

TIN MOULDS

BRICK ICE CREAM



No. 10B—Tin, Single Lid.

Nos.	1B	2B	3B	4B	5B
Pints	1	2	3	4	5
Per Dozen $					

SAVARIN

Round.

Nos.	7	8	9	10
Inches	2¾	3¼	3½	4
Per Dozen $				

PLAIN PUDDING

With Tube and Cover.

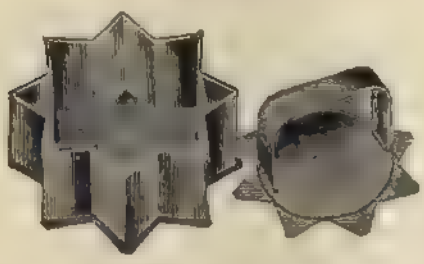
Nos.	1P	2P	3P
Quarts	2	3	4
Per Dozen $			

FLUTED PUDDING

With Tube and Cover.

Nos.	1F	2F	3F
Quarts	1½	2	3
Per Dozen $			

SPINACH



Heavy Tin, Loose Bottom.

Nos.	1S	2S
Inches	5½x2¾	6¼x3
Per Dozen $		

OVAL DE RUSSE

Double Seamed Body and Bottom, Wired Top Edge.

Nos.	0R	1R	2R
Inches	3⅝x2½x1⅛	4¼x2⅝x1⅝	4½x3x2
Per Gross $			
Nos.	3R	4R	5R
Inches	5½x3½x2	7x4½x2½	7½x5x2¾
Per Gross $			

CROQUETTE

Plain Tin.

Shapes	Round	Diamond
Per Dozen $		

MELON

Oval, Retinned.

Nos.	1M	2M	3M
Pints	1	2	3
Per Dozen $			
Nos.		4M	5M
Pints		4	5
Per Dozen $			

PIECED TINWARE

MUFFIN RINGS

IC Tin.

Nos.	2½	3
Inches	2½	3
Per Gross	$....	....

One Dozen in a Package.

No. 126—IC Tin.

Inches	2½	3	3½
Per Gross	$....	....	....

One Dozen in a Package.

SOUP STRAINERS

IC, Perforated Tin Bottom.

Nos.	10	20
Inches	5¾	8
Per Gross	$....	....

One Dozen in a Package.

RING HANDLE SCOOPS

IC Tin.

Nos.	03	03½	04
Inches	3	3½	4
Per Gross	$....	....	.

One Dozen in a Package

STEAMERS

IC, Stamped and Rimmed Cover.

Nos.	70	80	90
Inches	9½	10½	11¾
Per Dozen	$....	....	....

One Dozen in a Case.

TEA STEEPERS

IC Tin, Tin Handle.

Nos.	0	1
Quarts	½	1
Inches	3⅝x3⅛	4⅜x3¼
Per Dozen	$....	....

MILK STRAINERS

CHAPMAN

The sieves of these strainers are adjustable and can be used for all kinds of straining.

They can be easily removed, cleaned and replaced.

There is nothing that can get out of order.

No. 2 with Cheese Cloth Attached

	Per Dozen
No. 1—12 in. Bowl, 5 in. Strainer, Adapted to the Use of Large Dairies, Complete with 2 Sieves, 40 and 60 Mesh and a Wire Fastener to Hold Same in Strainer	$
No. 2—11 in. Bowl, 4 in Strainer, for Household Purposes for which a Medium Sized Strainer is Used, Such as Fruit, Paint, Vinegar, Lard, Etc	$

T. S. W.

	Per Dozen
No. 176—IX Tin, Plain, Strongly Constructed, 12 in Diameter, Brass Strainer in Bottom	$....

MOULDS

ROUND TIN TIMBALE

Nos.	0R	1R
Inches	1¾x1⅝	2x1¾
Per Gross	$	

Nos.	2R	3R
Inches	2½x3	3x2½
Per Gross	$	

HEXAGON TIN TIMBALE

Nos.	50	60
Inches	2x1¾	2¼x2
Per Dozen	$	

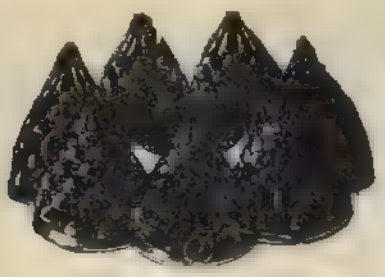
TIN TIMBALE

On Pans.

Nos.	0	1
Per Dozen Pans	$	

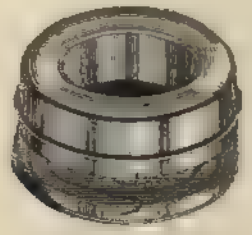
Nos.	2	3
Per Dozen Pans	$	

ROUND TIN BORDER



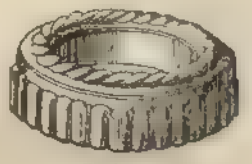
Style 210.

Nos.	1	2	3
Inches	7½	8	9
Per Dozen	$		



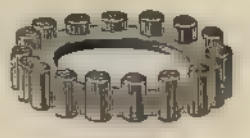
No. 3342—With Cover.

Inches	7	8	9
Per Dozen	$		



Style 053.

Nos.	1	2	3	4
Size Inches	6	7	8	9
Each	$			

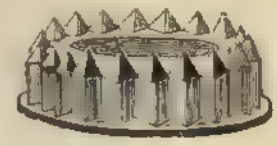


Style 54.

Nos.	1	3
Size, Inches	7	8
Each	$	

No. 77—With Cover.

Inches	6	7	8	9
Each	$			

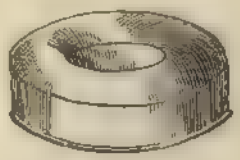


Style 7.

Nos.	1	3
Size, Inches	7	8
Each	$	

Style 48.

Nos.	1	3	4
Size Inches	7	8	9
Each	$		



Style 146.

Nos.	1	3	4
Size, Inches	7	8	9
Per Dozen	$		

TIN JELLY MOULDS

Style No. 280—Round.

Inches	4¾	5¾	6½
Per Dozen	$		

Style No. 281—Oval.

Inches	5	6	7
Per Dozen	$		

Style No. No. 19.

Length, Inches	5¼
Per Dozen	$

Style No. 325.

Length, Inches	2¾
Per Dozen	$

Style No 170

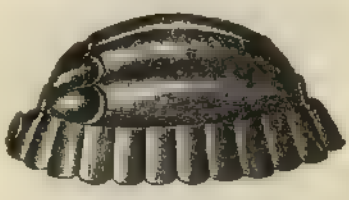
Diameter, Inches	5¾
Per Dozen	$

Style No. 150.

Length, Inches	6½
Per Dozen	$

Style No. 10.

Length, Inches	6½
Per Dozen	$



Style No. 11.

Length, Inches	7¼
Per Dozen	$

Style No. 34.

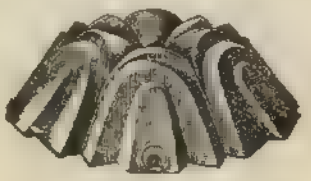
Diameter, Inches	7
Per Dozen	$

Style No. 20.

Diameter, Inches	7
Per Dozen	$

Style No. 82

Diameter, Inches	5¼
Per Dozen	$



Style No. 80.

Diameter, Inches	6
Per Dozen	$

Oval.

Pints	¼	½	1	1½
Per Dozen.	$			
Pints	2	3	4	
Per Dozen	$			

Style No. 42.

Diameter, Inches	5¼
Per Dozen	$

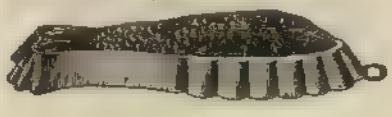
Style No. 39.

Length, Inches	8½	10½
Per Dozen	$	

Nos.	810	811	812
Diam., Inches.	4½	5½	6
Per Dozen	$		

Style No. 17.

Length, In.	8	9	11	13
Per Dozen.	$			



Style Curved.

Length, Inches	11	12
Per Dozen	$	

INDIVIDUAL TIN JELLY MOULDS

Style	2260
Diameter, Inches	2
Per Dozen	$

Style	86
Length, Inches	2 ¼
Per Dozen	$

Style	2258
Diameter, Inches	3
Per Dozen	$

Style	2250
Diameter, Inches	2 ¼
Per Dozen	$

Style	2006
Diameter, Inches	2 ⅝
Per Dozen	$

Style	349
Diameter, Inches	2 ½
Per Dozen	$

Style	428
Diameter Inches	2 ¼
Per Dozen	$

Style	66
Diameter, Inches	2 ⅝
Per Dozen	$

Style	2038
Diameter, Inches	3 ½
Per Dozen	$

Style	454
Diameter, Inches	2 ⅝
Per Dozen	$

Style	256
Diameter Inches	2 ¾
Per Dozen	$

Style	2281
Diameter Inches	3 ⅛
Per Dozen	$

Style	68
Length, Inches	4 ¾
Per Dozen	$

Style	2037
Diameter Inches	4
Per Dozen	$

Style	586
Diameter, Inches	2 ⅝
Per Dozen	$

Style	34
Length, Inches	4 ¼
Per Dozen	$

Style	2014
Diameter Inches	2 ¾
Per Dozen	$

Style	508
Diameter, Inches	2 ⅝
Per Dozen	$

INDIVIDUAL TIN JELLY MOULDS

Style	310
Diameter, Inches	2½
Per Dozen	$.

Style	1171
Diameter, Inches	3¼
Per Dozen	$....

Style	108
Diameter, Inches	3
Per Dozen	$...

Style	106
Diameter, Inches	3
Per Dozen	$....

Style	103
Diameter, Inches	2¾
Per Dozen	$....

Style	104
Diameter, Inches	2¾
Per Dozen	$...

Style	107
Diameter, Inches	2¾
Per Dozen	$....

Style	109
Diameter Inches	2¾
Per Dozen	$...

Style	309
Diameter, Inches	2¾
Per Dozen	$....

Style	105
Diameter, Inches	2½
Per Dozen	$....

Style	111
Diameter Inches	2⅜
Per Dozen	$....

Style	425
Diameter, Inches	1½
Per Dozen	$....

Style	557
Diameter, Inches	2
Per Dozen	$...

Style	669
Diameter, Inches	1⅞
Per Dozen	$....

TIN BABA MOULD

Style	3303
Diameter, Inches	2¼
Per Dozen	$....

TIN JELLY OR TIMBALE

Style No. 872.

Diameter, Inches	2
Per Dozen	$....

2½ ....

Bench Drills.

YANKEE

No. 1003

Automatic and Friction Feeds, Cylindrical Column, Adjustable Bracket for Table, Adjustable Removable Table and Bracket, Dead Black Color Frame. Each

No. 1003—One Speed Only (Geared 49 to 14), One Turn of Crank Gives 3½ Revolutions to Spindle, Cut Gears, ⅝ in. Steel Spindle, Three-Jaw Polished and Nickel Plated Tool Steel Chuck, 1⅝ in. Long, 1 in. Diameter, Holds Round Shank Drills up to ⅛ in. Diameter Inclusive, 1½ in. Traverse of Spindle (Automatic Feed), Ball Bearing V Thread Feed Screw, Hardened Steel Wearing Parts....**$12 80**

Weight Each Boxed About 20 Pounds

The crank is 4 in. between centers. The bracket at base of column has a vertical adjustment of 2¾ in., the slide being 5¾ in., and bracket 3 in. long. The table on bracket has an independent movement of 1¼ in. by means of a 3 in. Hand Wheel and Screw, and can be used for feeding in emergencies, in addition to automatic feed. The table is 4¾ in. diameter, its center 2½ in. from face of slide. The lower end of bracket slide on column is 4¼ in. below base resting on bench; from bench the top of column is 11½ in. and from there to top of guide 3 in. Total height of Drill above bench is 14½ in., below 4¼ in., making extreme height of Drill 18¾ in. The distance from end of base on bench to front of table is 9¾ in. with table bracket flush with end of column, table all way down and spindle up, the distance between table and end of chuck is 5 in., a quite large capacity for a Drill of this kind. A steel wrench is furnished for nut holding table bracket and to tighten clamp screw for bench.

No. 1005.

Each

No. 1005—Two Speed, Quickly Changed by Moving Shifter on Spindle. Geared on Fast Speed 64 to 18. One Revolution of Crank Gives 3½ to Spindle, On Slow Speed 14 to 14. One Revolution of Crank Gives One to Spindle, Cut Gears, ⅞ in. Diameter Spindle, Three-Jaw Polished and Nickel Plated Tool Steel Chuck, 2¾ in. Long, 1⅛ in. Diameter, Holds Round Shank Drills up to ½ in. Diameter Inclusive, 2 in. Traverse of Spindle (Automatic Feed), Square Thread, Steel Feed Screw, Hardened Steel Wearing Parts.....**$21.10**

Weight Each Boxed About 57 Pounds.

The crank is 6 in. between centers. The bracket at base of column has a vertical adjustment of 5 in., the slide being 8¼ in. and bracket 4¼ in. long. The table on bracket has an independent movement of 1¾ in. by means of a 4½ in. Hand Wheel and Screw, and can be used for feeding in emergencies, in addition to automatic feed. The table is 6¾ in. diameter, its center 3½ in. from face of slide. The lower end of bracket slide on column is 6 in. below base resting on bench, from bench the top of column is 18 in. and from there to top of guide is 4 in. Total height of drill above bench is 22 in., below 6 in., making extreme height of drill 28 in. The distance from end of base on bench to front of table is 13½ in. With table bracket flush with end of column, table all the way down and spindle up, the distance between table and end of chuck is 7½ in., quite a large capacity for a drill of this kind.

A steel wrench is furnished for nut holding table bracket and to tighten clamp screw for bench.

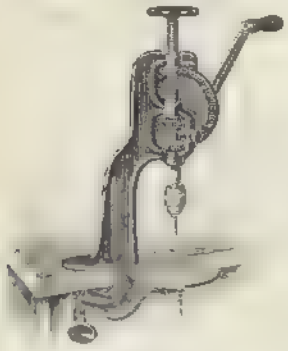
YANKEE VISES

For Use with Above Yankee Bench Drills or Separately Attached to Bench.

Cast Iron body and jaws accurately machined to hold work square when used either flat or on sides. Sliding Jaw has T shaped block screwed to its underside, sliding in a T shaped slot ⅞ in. wide, insuring parallel movement of jaw. Case hardened steel removable swivel jaw is provided to hold taper hook, has friction spring to hold jaw in position, ⅛ in. diameter adjusting screw, ⅜ in. head. Each

No. 990—6 in. Long, 2¾ in. Wide Base, Extreme Height 2 in., Jaws Open without Swivel Jaw 3 in., with Swivel Jaw 2⅝ in., Depth of Jaw 1⅛ in., Weight Each About 3¾ Lbs. **$2 25**

One in a Box.



No 9

Bench Drills.

GOODELL'S

Solid Cast Iron Frame, Cut Gears, Two Speeds Changed by Throwing Cam Attached to Shifter Knob, Steel Feed Screw Topped with Iron Feed Wheel, Adjustable Table with Turned and Polished Top. Each

No. 9—Height Above Table 18 in., with Three Jawed Chuck, Capacity 0 to ⅝ in., Extreme Distance Between Chuck and Table 4½ in., Complete with Drill Points from ⅛ to 1/16 in., Weight Each About 18 Lbs. **$11.10**

One in a Box.

No. 22B

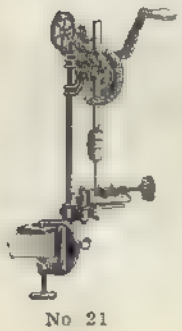
UNIVERSAL BENCH DRILL PRESS

Steel and Iron, Japanned, Compound Lever Feed, Adjustable Clamp to Hold Drill. Each

No. 22B—Without Hand Drill, Height Between Chuck and Table when Former is Raised to its Highest Point 6½ to 7½ in., According to Drill Used, Height of Standard Above Bench 15½ in., Weight Each About 8 Lbs. **$3 10**

A simple constructed Standard and Fixtures to hold Hand Drills

One in a Box



No 21

UNIVERSAL HAND DRILL PRESSES

Steel and Iron, Japanned, Hand Feed, Changeable Speed from Even to 8 to 1, Extension Crank with Radius 5 to 6½ in., Drill Attachment Permanently Fixed. Each

No. 21—Height of Standard 24 in., with Swing Vise Rest, Star Chuck for Round Shank Drills from 0 to ½ in. Diameter, Weight Each Boxed About 30 Lbs **$12 25**

Steel and Iron, Japanned, Sensitive Hand Feed, Swing Vise Rest, Reversible Table. Each

No. 20—Without Breast Drill, Height of Standard 24 in., Weight Each Boxed About 28 Lbs. **$7.00**

A Standard and Fixtures to hold Breast Drills. The drill may be swiveled in many positions and clamped at varying heights either above or below the bench

One in a Box

No 20

Blacksmith Hand Blowers.

BUFFALO FORGE CO.'S

Dust and Leak Proof Gear Case.

All End Thrust Balanced on Adjustable Ball Bearings. Fan Shaft Runs in the Finest Radial Ball Bearings. High-Speed Pinion Runs in Bath of Oil, Lubricating All Other Working Parts by Splashing. One-Piece Gear Case Insures Permanent Alignment of Gears. Extra Long Journal Bearings. Each

No 214P

No. 212P—12 in. Diameter of Fan Case, 2½ in Blast Pressure at 2200 Revolutions Per Minute, with Vulcan Tuyere and Pipe, Weight Each 193 Lbs. $33 30

No. 214P—14 in Diameter of Fan Case, 3 in Blast Pressure at 2200 Revolutions Per Minute, with Vulcan Tuyere and Pipe, Weight Each 195 Lbs. 39.60

CLIMAX PEDESTAL

Machine Cut Gears, Consisting of Two Gear Wheels and Two Helical Gear Wheels properly proportioned to Produce Several Thousand Revolutions Per Minute of the Fan with Crank Turned at Moderate Speed, Fan Case and Gear Fitted Together, Pear Shape Fan Case, Allowing Crank to be Turned Forward or Backward with Equally Good Results. High Speed Fan Pinion Runs in a Bath of Oil, Lubricating All Other Working Parts by Splashing. Each

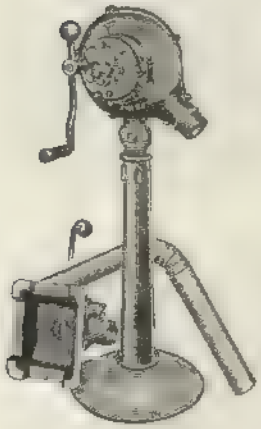
Climax

Climax—12 in Diameter Fan, Complete with Tuyere and Pipe, Weight Each 130 Lbs..... $22 25

ROYAL WESTERN CHIEF

Oil Tight and Dust-Proof Gear Case.

Gears Run in a Continuous Bath of Oil, Crank Turns Forward or Backward. Noiseless and Easy to Operate. The Gears are Flat and Straight Cut, Made of Special Materials. No spiral or Worm Gears. Gives a Powerful Blast, Lasting after Blast. Each



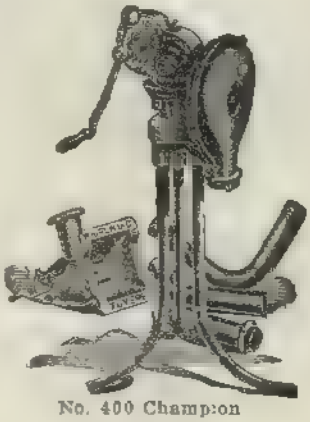
No. 1000 Royal.

No. 1000—12 in. Diameter Fan, 47 in. High, Complete Tuyere Iron and Piping, Size of Fire Pot 8x8½x4 in., Weight Each 135 Lbs . .. $32.25

One in a Crate

CHAMPION

Adjustable Ball Bearings, High Speed Spiral Gearing, with Phosphor Bronze Spiral Gear and Tool Steel Spiral Shaft, Crank Turns Either Way to Make a Blast, Each Turn of Crank Produces 46 Complete Revolutions of Blast Wheel. Each



No. 400 Champion

No. 400—12 in. Diameter Fan, Complete with Champion Whirlwind Blast, Anti-Clinker Heavy Nest Tuyere Iron and Piping, Weight Complete 155 Lbs. $37 00

The Champion No. 400 Blower is made for Right and Left Hand Fires. Right Hand Blowers always furnished unless otherwise ordered.

Tuyere Irons.

CLARK'S

With Ball Valves.
Plain Cast Iron, Bolted, Opened by Unfastening Bolt.

Nos.	1	2	3
Diam. Head, In..	8	9	10
Blast Con., In...	2	3	2½
Lgth. Over All, In.	15	16	16½
Weight Each, Lbs.	18	21	26
Each . .	$2 00	2 25	2 53

Open Stock

DUCK'S NEST

Plain Cast Iron, Bolted Both Sides, Opened by Unfastening Bolts. Each

No. 0—7¼ in. Diameter of Head, 1¾ in. Blast Connection, 13¾ in. Long Over All, Weight Each About 12 Lbs $1 12

Open Stock.

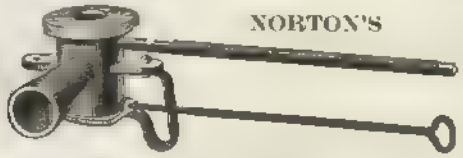
DUCK'S NEST

Plain Cast Iron, Bolted Both Sides, Opened by Unfastening Bolts. Each

No. 01—7½ in. Diameter of Head, 2¼ in. Blast Connection, 14 in. Long Over All, Weight Each About 16 Lbs $1 35

Open Stock.

NORTON'S



Cast Iron Head and Neck, Wrought Iron Rod. Each

No. 30—6½ in. Diameter of Cap, 8 in. Long Neck, 21 in. Rod, 2¼ in. Top Hole, 2¾ in Blast Connection, Weight Each About 27 Lbs.....$2 90

To regulate the Blast, turn the large rod. The cinders and ashes may be removed by drawing out the small rod which opens the slide. The levers and springs are readily changed to either side for right or left hand use.

WARREN'S

Cast Iron Head and Neck, Wrought Iron Rod. Each

No. 20—10x10 in. Cap, 7 in. Long Neck, 22 in. Long Rod, 1¾ in. Top Hole, 2½ in. Blast Connection, Weight Each About 31 Lbs.....$3.10

The Blast is regulated by simply revolving the ball, which has three unequal sides Open the bottom valve, and all cinders and ashes drop out.

Blacksmiths' Upright Drills.

WESTERN CHIEF

No. 8W

Ball Bearing and Safety Chuck Furnished with Western Chief Upright Drills.

No. 012W.

Automatic Self-Feed, Extension Crank, Drills to Center of 14½ in. Circle, Bores 0 to 1 in., Up and Down Run of Spindle 3½ in., Up and Down Run of Table 11 in., Greatest Distance from Table to Spindle 10½ in., Spindle Bored for ½ in. Round Shank Drill

	Each
No. 8W—Without Pulleys, for Hand Power Only	$10 65
No. 08W—With Hand and 8x2½ in. Pulley Power Attachment	20 00

Weight Each About 95 Pounds

One in a Crate

Automatic Self-Feed, Changeable Speed, Extension Crank Drills to Center of 16 in. Circle, Bores 0 to 1½ in., Up and Down Run of Spindle 4 in., Up and Down Run of Table 15½ in., Greatest Distance from Table to Spindle 16 in., Spindle Bored for ½ in. Round Shank Drills.

	Each
No. 12W Without Pulleys, for Hand Power Only, Weight Each About 215 Lbs.	$40.00
No. 012W—With Hand and 10¾x2½ in. Pulley Power Attachment, Weight Each About 235 Lbs.	44.50

One in a Crate

No. 014W

No. 016W.

No 019W

Horizontal Gear Driven Positive Self-Feed, Changeable Speed Cut Straight and Bevel Gears, Raise and Lower Device to Table, Automatic Quick Return, Drills to Center of 21 in. Circle, Bores 0 to 1½ in., Up and Down Run of Spindle 4 in., Up and Down Run of Table 16½ in., Greatest Distance from Table to Spindle 18 in., Spindle Bored for ½ in. Round Shank Drills.

	Each
No. 14W—Without Pulleys, for Hand Power Only, Weight Each About 295 Lbs.	$55 60
No. 014W—With Hand and 10¾x2½ in. Pulley Power Attachment, Weight Each About 315 Lbs.	60 00

One in a Crate

Hand Lever Feed, Also Horizontal Gear Driven Positive Self-Feed, Changeable Speed, Cut Straight and Bevel Gears, Raise and Lower Device to Table, Drills to Center of 24 in. Circle, Bores 0 to 1½ in., Up and Down Run of Spindle 6¾ in., Up and Down Run of Table 15½ in., Greatest Distance from Table to Spindle 18½ in., Bored for ½ in. Round Shank Drills.

	Each
No. 16W—Without Pulleys, for Hand Power Only, Weight Each About 340 Lbs.	$64 50
No. 016W—With Hand and 10¾x2½ in. Pulley Power Attachment, Weight Each About 360 Lbs.	69.00

One in a Crate.

Combined Hand and Self-Feed, Independent of Each Other, Drills to Center of 16½ in. Circle, Bores 0 to 1¼ in., Up and Down Run of Spindle 5½ in., Up and Down Run of Table 11 in., Greatest Distance from Table to Spindle 14 in., Spindle Bored for ½ in. Round Shank Drills.

	Each
No. 19W—Without Pulleys, for Hand Power Only, Weight Each About 130 Lbs.	$24 50
No. 019W—With Hand and 8x2 in. Pulley Power Attachment, Weight Each 140 Lbs.	29.00

One in a Crate

Blacksmiths' Upright Drills.

BUFFALO CAPSTAN LEVER, BALL BEARING

No. 124A.

Multi-Compound Lever Feed, Machine Cut Gears, Two Speeds of Spindle, Sure Grip Chuck, Automatic Feed Adjustable to Four Speeds, Quick Return of Spindle Raise and Lower Table Device, Wheel Holder and Gear Guard Free with Each Drill, Bores up to 1½ in. Hole, Drills to Center of 24 in. Circle, 7½ in. Run of Feed, 20 in. Run of Table, Height 72 in., Spindle Bored for ½ in. Round Shank Drills.

	Each
No. 124—Without Pulley, for Hand Power Only, Weight Each About 370 Lbs.	$62.70
No. 124A—With Hand and 8x3 in. Pulley Power Attachment, Weight Each About 390 Lbs.	68 00

Multi-Compound Lever Feed. A 1 in. hole can be drilled with this lever. This exclusive "Buffalo" feature is obtained by the strong and simple rack on feed head, operated by the four-arm lever. By maintaining a light pressure on the latter, the bit is forced through the metal with maximum speed, **resulting in a great saving of time. It not only gives a leverage never exceeded in any other blacksmith drill, but is also greatly superior in strength and durability.**

Sliding Collars—One Sliding Collar is arranged at feed head for changing from lever to automatic feed or back. The other is at lower end of flywheel shaft, for change from slow to fast speed, or back. **Either change is made in a second—the collar will slide regardless of position of key, and seat itself automatically.** In no other drill will this convenient feature be found

The Planetary Gears on the automatic feed is the most modern reduction gearing known—stronger and simpler in every way than the customary worm or screw.

No. 152S

BUFFALO BALL BEARING DRILLS

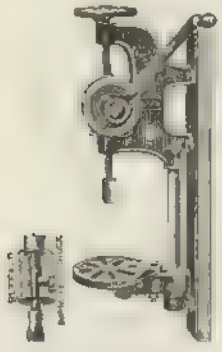
Steel Shaft and Spindle Accurately Machined and Polished, Strong Ribbed Frame, Adjustable Round Slotted Table (Adjustable Sideway or Up and Down), Automatic Feed Adjustable to Three Speeds, One Speed of Spindle, Buffalo Sure Grip Chuck Bores up to 1½ in. Hole, Drills to Center of 14 in. Circle, 3 in. Run of Feed, 12 in. Run of Table, Height 38 in., **Chuck Bored for ½ in. Round Shank Drills.**

	Each
No. 152S—Without Pulleys, for Hand Power Only, Weight Each About 80 Lbs.	$14 50
No. 152SA—With Hand and 6 in. Pulley Power Attachment, Weight Each About 95 Lbs.	18 50

Shafts, spindles and gears are accurately fitted and all bearings are bored and reamed in the solid metal of the frame, insuring a drill unsurpassed in easy, smooth operation, without lost motion

One in a Crate

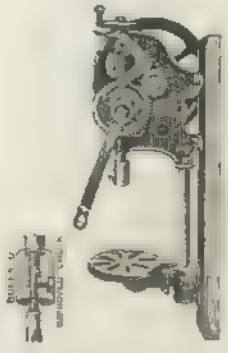
BUFFALO BALL BEARING, WITH SET SCREW ON CHUCK COUNTERSUNK



Hand Feed, Extension Crank, Adjustable Slotted Table (Adjustable Sideways and Up and Down), Strong Well-Ribbed Frame, Polished Steel Shaft and Spindle, Bores up to ¾ in. Hole, Drills to Center of 12 in. Circle, 3½ in. Run of Feed, 9 in. Run of Table, Height 33 in., Buffalo Improved Chuck Bored for ½ in Round Shank Drills.

	Each
No. 145—Without Fly Wheel	$8 00

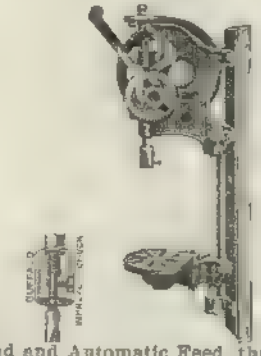
Weight Each About 58 Pounds
One in a Crate



Hand and Automatic Feed, the Latter Adjustable to Three Speeds, Heavy Fly Wheel Extension on Crank, Adjustable Slotted Table (Adjustable Sideways, Up and Down), Strong Well-Ribbed Frame, Polished Steel Shaft and Spindle, Bores up to ¾ in. Hole, Drills to Center of 12 in Circle, 3 in. Run of Feed, 9 in Run of Table, Height 33 in., Buffalo Improved Chuck Bored for ½ in. Round Shank Drills.

	Each
No. 146—With Fly Wheel	$9 35

Weight Each About 63 Pounds.
One in a Crate



Hand and Automatic Feed, the Latter Adjustable to Three Speeds, One Speed of Spindle, Extension Crank, Well-Ribbed Frame, Turned and Polished Steel Shaft and Spindle, Adjustable Slotted Table (Adjustable Sideways, Up and Down), Bores up to 1 in. Hole, Drills to Center of 14 in Circle, 1 in Diameter of Spindle, 3 in. Run of Feed, 12 in. Run of Table, Height 41 in., Buffalo Improved Chuck Bored for ½ in. Round Shank Drills.

	Each
No. 147—With Fly Wheel	$12.00

Weight Each About 75 Pounds
One in a Crate

These Drills are fitted with the "Buffalo Improved" Chuck, in which the flat of the bit rests directly against a cross-pin, absolutely preventing slipping. Thus there is no stress on the set-screw, which only serves to prevent bit from falling out.

No bent or broken set-screw with this arrangement, and nothing to catch your clothing, as chuck is countersunk for set-screw head.

Post Drills.

SILVER'S

No. 22.

Self-Feed, with Ball Bearings and Intermediate Gear, Fast or Slow, Extension Crank, Adjustable Table, Best Quality Steel Ball Bearings in Case Hardened Steel Discs, Ground Bearings, Machine Molded Gears, Automatic Feeding Device, Steel Spindles and Shafts with Bearings Bored and Reamed in Solid Frame, 1 in. Spindle, 3¾ in. Run of Spindle, 1⅞ in. Column, Greatest Distance of Spindle to Table 13 in., Spindle Turns 1½ Times to One Turn of Crank on Fast Speed, Crank Turns 1½ Times to One Turn of Spindle on Slow Speed, Drills to Center of 15 in. Circle and Bores up to 1¼ in. Hole, **Spindle Bored for ½ in. Round Shank Drills.**

	Each
No. 22—For Hand Use Only, Height 48 in., Weight Each Crated About 115 Lbs.	$15 60
No. 022—For Hand and Belt Power, Height 48 in., Weight Each Crated About 130 Lbs.	21 75

One in a Crate.

No. 023.

Self Feed, with Ball Bearing and Intermediate Gear, Fast or Slow Speed, Extension Crank, Adjustable Table, Best Quality Steel Ball Bearings in Case Hardened Steel Discs Ground Bearings, Machine Molded Gears Automatic Feeding Device, Steel Spindle and Shaft with Bearings Bored and Reamed in Solid Frame, 1½ in Spindle 4 in Run of Spindle, 2 in Column, Greatest Distance of Spindle to Table 16 in., Spindle Turns 1½ Times to 1 turn of Crank on Fast Speed, Crank Turns 1½ Times to 1 Turn of Spindle on Slow Speed, Drills to Center of 18 in Circle and Bores up to 1½ in Hole **Spindle Bored for ½ in. Round Shank Drills.**

	Each
No. 23—Fo Hand Use Only, Height 50 in., Weight Each Crated About 170 Lbs.	$24.50
No. 023—For Hand and Belt Power, Height 50 in., Weight Each Crated About 185 Lbs.	31.10

One in a Crate

No. 24

Self-Feed, with Ball Bearings and Intermediate Gear, Fast or Slow Speed, Extension Crank, Adjustable Feed Table, Best Quality Steel Ball Bearings in Case Hardened Steel Discs, Ground Bearings, Machine Molded Gears, Automatic Feeding Device, Steel Spindle and Shaft with Bearing Bored and Reamed in Solid Frame, 1⅝ in. Spindle, 4¼ in. Run of Spindle, 2⅝ in. Column, Greatest Distance of Spindle to Table 18 in., Spindle Turns 1½ Times to 1 Turn of Crank on Fast Speed, Crank Turns 1½ Times to 1 Turn of Spindle on Slow Speed, Drills to Center of 22 in. Circle and up to 1½ in Hole, **Spindle Bored for ⅝ in. Round Shank Drills.**

	Each
No. 24—For Hand Use Only, Height 54 in., Weight Each Crated About 230 Lbs.	$37.75
No. 024—For Hand and Belt Power, Height 54 in., Weight Each Crated About 245 Lbs.	45.10

One in a Crate

The intermediate gear on the Nos. 22, 23 and 24 Drills eliminate the necessity of turning crank reverse direction on slow speed. Are equipped with Ball Bearing Feed Nut saving 20 to 50 per cent in power. The Automatic Feeding Device operated by cam inside of gear wheel gives nearly a continuous feed and can be regulated by a thumb screw.

Drill Chucks.

SILVER'S

For Use in Connection with Silver's Blacksmith Drills to Hold Brace Shank Bits, Polished Steel, Length Over All 2½ in.

	Each
No. 737—With ½ in. Round Shank	$1.70

Weight Each ½ Pound.

Open Stock.

STAR

Three-Jawed, Carefully Adjusted, Opening with a Spring and Closing with Pressure from Spindle, Handsomely Nickel Plated and Polished, ½ in. Round Shanks, for Blacksmith Drills.

Nos.	5	6	7
Capacity, Inches	0 to ¼	0 to ⅜	0 to ½
Outside Diam. Chuck, In.	1	1¼	1½
Dimensions of Shank, In.	1½ x ½	3⅝ x ½	4⅛ x ½
Weight Each, Oz.	7	12	20
Each	$1.60	2.60	3.40

One in a Box.

SAMSON, BALL BEARING

Forged and Tempered Steel Jaws, Interlocking Accurately, Polished and Nickel Plated, Will Hold Round, Square or Taper Shank Drills.

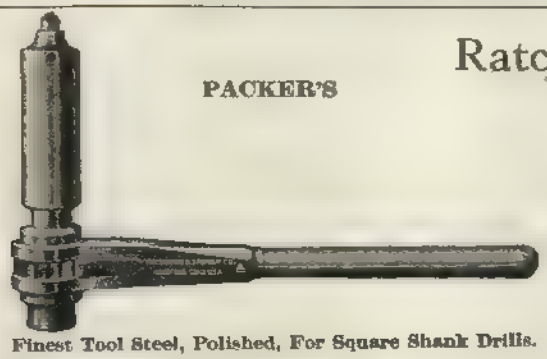
	Each
Samson—With ½ in. Round Shank, Weight Each 1½ Lbs.	$2 60

The jaws of this Chuck adjust themselves to a parallel or tapering position corresponding to the shape of the drill shank. It can be released quickly, no matter how firmly it holds the boring tool.

One in a Box.

Ratchet Drills.

PACKER'S

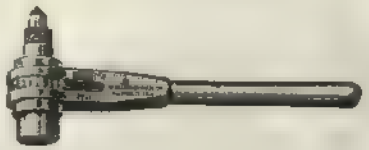


Finest Tool Steel, Polished, For Square Shank Drills.

Nos.	2	3
Length of Handle, Inches	12	14
Length of Head, Inches	8¼	10
Weight Each, Lbs.	7	10
Each	$10.00	11.80

One in a Package.

PACKER'S BOILER



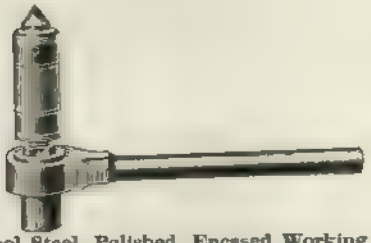
Finest Tool Steel, Polished, For Square Shank Drills.

Nos.	10	20
Length of Handle, Inches	9¾	12
Length of Head, Inches	4½	4¾
Weight Each, Lbs.	3½	5
Each	$6.70	7.80

One in a Package.

Ratchet Drills.

PARKER'S

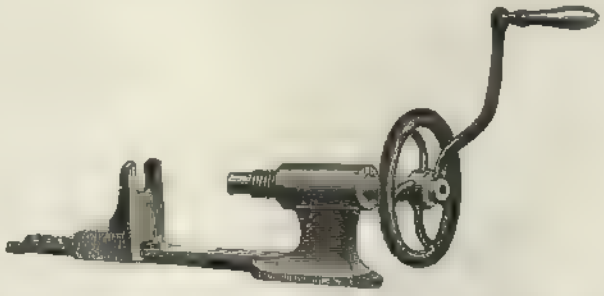


Finest Tool Steel, Polished, Encased Working Parts, For Square Shank Drills.

Nos.	5	6
Length of Handle, Inches	11⅞	14
Length of Head, Inches	8	8¼
Weight Each, Lbs.	5¼	6
Each	$8.40	9.80

One in a Package.

Blacksmiths' Tire Drills.

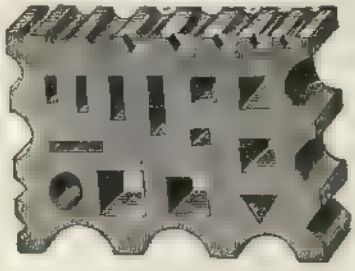


Natural Finish Cast Iron Frame, Crank and Feed Wheel, 1⅝ in. Diameter Polished Steel Feed Screw, Polished Steel Chuck, Fitted for Square Shank Bits.

	Each
No. 01—Length Over All 30 in.	$2 90

Weight Each 26 Pounds.

One in a Crate.



Swage Blocks.

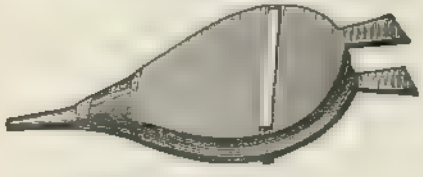
Solid Cast Iron, Plain Finish.

Nos.	1	2
Size, Inches	12½x12½x3½	15x15x4
Weight Each, Lbs.	100	150
Per Pound	$.....	.....

These Swage Blocks have various shape serrations on edges and various shape perforations.

Open Stock

Moulders' Bellows.

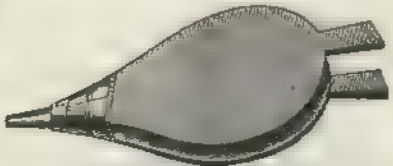


No. 10—Extra, Hardwood Boards Cleated, Extension Handles, Leather Loop for Fastening, Japanned Steel Funnel, Leather Sides or Folds

Width, Inches	10	11	12
Length, Inches	22	22	23½
Ap. Wt. Dz., Lbs.	33	39	40
Per Dozen	$21.10	22.25	24.50

Open Stock.

Hand Bellows.



No. 1—Extra, Hardwood Boards, Extension Handles, Leather Loops for Fastening, Steel Funnel, Leather Sides on Fold.

Width, Inches	6	7
Length Over All, In.	14½	15
Ap. Wt. Dozen, Lbs.	9	12
Per Dozen	$13.35	15.00
Width, Inches	8	9
Length Over All, In.	16	17
Ap. Wt. Dozen, Lbs.	16	20
Per Dozen	$16.10	17.80

Open Stock.

Hand Bellows.

No. 5—French, White Wood, Extension Handles, Leather Loop for Fastening, Steel Funnel, Leather Sides or Folds

Width, Inches	6½	7½
Length Over All, In.	16¼	18¼
Ap. Wt. Dozen, Lbs.	18	18
Per Dozen	$11.10	13.35
Width, Inches	8½	9½
Length Over All, In.	20½	22¼
Ap. Wt. Dozen, Lbs.	23	33
Per Dozen	$15 60	33 35

Open Stock

Mill Saws.

H. DISSTON & SONS'

No. 1—Cast Steel, Extra Tempered, Patent Ground.

Gauge Nos.	5	6	7	8	9
Width, Inches	8	8	8	8	8
Per Foot	$3.35	3.00	2.65	2.45	2.25

Open Stock.

Mulay Saws.

H. DISSTON & SONS'

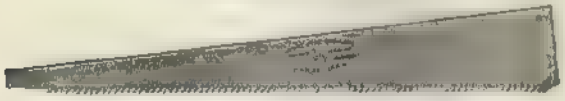
No. 1—Cast Steel, Extra Tempered, Patent Ground.

Gauge Nos.	4	4	4	5	5	5	6	6	6
Width, Inches	10	11	12	10	11	12	10	11	12
Per Foot	$4.35	4.80	5.35	4.00	4.45	4.90	3.65	4.10	4.45
Gauge Nos.	7	7	7	8	8	8	9	9	9
Width, Inches	10	11	12	10	11	12	10	11	12
Per Foot	$3.35	3.65	4.00	3.00	3.35	3.65	2.65	3.00	3.35

Open Stock.

Pit Saws.

H. DISSTON & SONS'



Warranted Extra Cast Steel, Tempered.

Length, Feet	5	5½	6	6½	7	7½	8
Butt End, Inches	10	10¼	10½	10¾	11	11¼	11½
Point, Inches	3¼	3⅜	3½	3½	3½	3½	3½
Weight Each, Lbs.	7	8	11	13	15	18	22
Each, without Handle	$5 55	6 10	6 70	7 20	7.80	8 35	8.90

Open Stock.

Whip Saws.

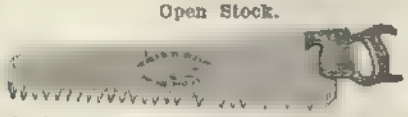
H. DISSTON & SONS'

Warranted Extra Cast Steel, Tempered.

Length, Feet	5	5½	6	6½	7	7½
Butt, Inches	4	4¼	4½	4¾	5	5¼
Point, Inches	1½	1⅝	1⅞	2	2	2
Weight Each, Lbs.	3½	4	4½	5½	6	8½
Each, without Handle	$3.35	3 65	4.00	4 35	4.70	5.00

Open Stock.

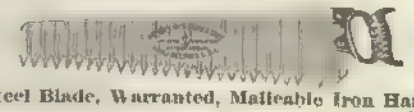
Hand Ice Saws.



Cast Steel Blade, Warranted, Beech Handle, Polished Edge.

	Per Dozen
No. 71—28 in., Weight Per Dozen 36 Lbs	$25 60

One-sixth Dozen in a Box.

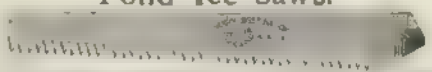


Cast Steel Blade, Warranted, Malleable Iron Handle.

	Per Dozen
No. 73—28 in., Weight Per Dozen 42 Lbs	$27 80

One-sixth Dozen in a Box.

Pond Ice Saws.



Cast Steel, Warranted, Tapered, 7 in. Butt, 5 in. Point, 11 Gauge. Set and Sharpened, without Tiller Handle.

Length, Feet	4	4½	5
Weight Each, Lbs.	10	11	12
Each	$3.80	4.25	4.75

Open Stock.

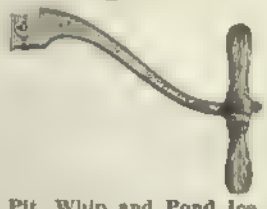
Box Handles.

For Pit and Whip Saws.

	Each
Box Handles—15½ in. Long, Weight Each 2¾ Lbs.	$1 00

Open Stock.

Tiller Handles.



For Pit, Whip and Pond Ice Saws.

	Each
Tiller Handle—18½ in. Long, Japanned Malleable Iron Tiller, 16 in. Hardwood Handle, Weight Each 3½ Lbs.	$1 25

Open Stock.

Felling Saws.

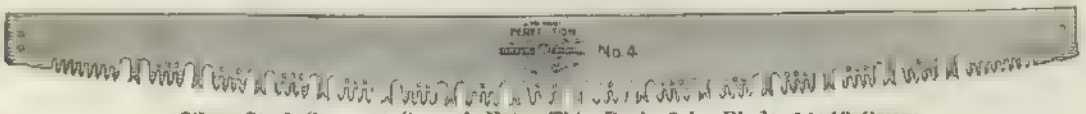
E. C. ATKINS & CO.'S PEERLESS

Silver Steel, Segment Ground, Extra Thin Back, 6 in. Blade, 14x19 Gauge.

Length, Feet	5	5½	6	6½
Weight Each, Lbs.	5½	6	7	7½
Each, without Handles	$5.50	6.40	7.50	8.55

Open Stock

PERFECTION No. 4



Silver Steel, Segment Ground, Extra Thin Back, 6 in. Blade, 14x19 Gauge.

Length, Feet	5	5½	6	6½
Weight Each, Lbs.	5½	6	7	7½
Each, without Handles	$5 50	6.40	7.50	8.55

Open Stock.

SIMONDS MFG. CO.'S SWAY BACK, CHAMPION TOOTH

No. 113—Extra Quality Steel, Special Temper, Crescent Groun d, Extra Thin Hollow Back, 14x19 Gauge.

Length, Feet	5	5½	6	6½
Weight Each, Lbs.	4½	5	6½	7
Each, without Handles	$5.75	6.80	7.90	8.90

Open Stock.

SWAY BACK, LANCE TOOTH

No. 133—Extra Quality Steel, Special Temper, Crescent Ground, Extra Thin Hollow Back, 14x19 Gauge.

Length, Feet	5	5½	6	6½
Weight Each, Lbs	4½	5	6½	7
Each, without Handles	$5.75	6.80	7.90	8.90

Open Stock.

Cross Cut Saws.

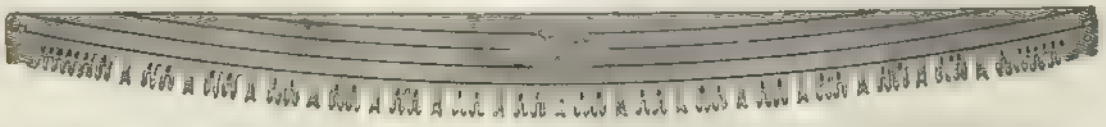
SIMONDS MFG. CO.'S CHAMPION TOOTH

No. 13—Extra Quality Steel, Special Temper, Crescent Ground, Extra Thin Back, 14x19 Gauge.

Length, Feet	5	5½	6	6½	7
Weight Each, Lbs.	5	6	7	8	8½
Each, without Handles	$5 75	6.80	7.90	8.90	10.40

Open Stock.

LANCE TOOTH



No. 22—Extra Quality Steel, Special Temper, Crescent Ground, Extra Thin Back, 14x19 Gauge.

Length, Feet	5	5½	6	6½	7
Weight Each, Lbs.	5	6	7	8	8½
Each, without Handles	$5.75	6.80	7.90	8.90	10 40

Open Stock

Cross Cut Saws.

E. C. ATKINS & CO.'S
REX, No. 2 PATTERN TOOTH

Silver Steel, Segment Ground, Extra Thin Back, 14x19 Gauge.

Length, Feet	5	5½	6	
Weight Each, Lbs	6	6½	7	
Each, without Handle	$5 50	6 40	7 50	

Open Stock.

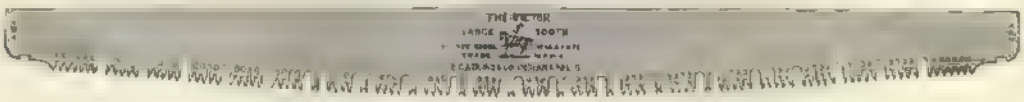
HEMLOCK KING

Silver Steel, Segment Ground, Extra Thin Back, 14x19 Gauge.

Length, Feet	5	5½	6	6½
Weight Each, Lbs	6	6½	7	8
Each, without Handle	$5.50	6.40	7.50	8.55

Open Stock.

VICTOR, PERFORATED LANCE TOOTH



Special Steel, Patent Temper, Thin Back, 14x18 Gauge.

Length, Feet	5	5½	6	6½	7
Weight Each, Lbs	6	6½	7	8	10
Each, without Handle	$4.30	4.70	5.15	5.55	6.00

Open Stock.

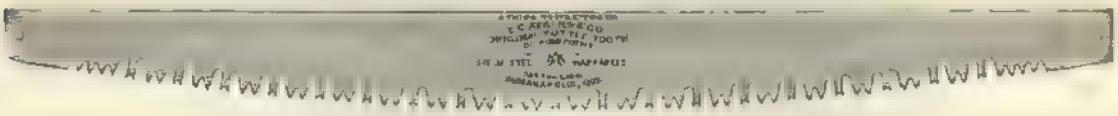
DIAMOND TOOTH

Special Steel, Patent Ground, Thin Back, 14x18 Gauge.

Length, Feet	5	5½	6	6½	7
Weight Each, Lbs	6	6½	7	8	10
Each, without Handle	$4.00	4.40	4.80	5.20	5.60

Open Stock

THIN BACK, TUTTLE TOOTH

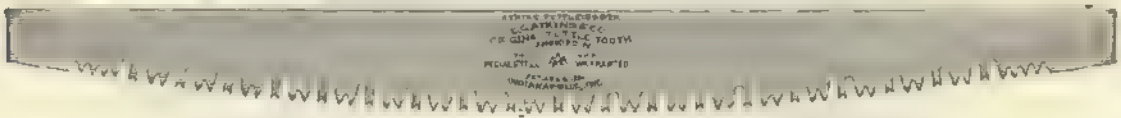


No. 1—Special Steel, Patent Ground, Thin Back, 14x18 Gauge.

Length, Feet	5	5½	6	6½	7
Weight Each, Lbs	6	6½	7	8	10
Each, without Handle	$3.50	3.85	4.20	4.50	4.85

Open Stock.

EXTRA THIN BACK, TUTTLE TOOTH



No. 01—Special Steel, Patent Ground, Extra Thin Back, 14x19 Gauge,

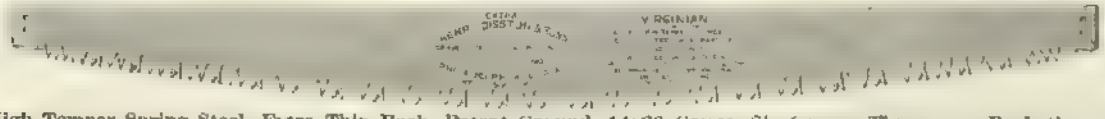
Length, Feet	5	5½	6	6½
Weight Each, Lbs	6	6½	7	8
Each, without Handle	$4.15	4.50	4.85	5.20

Open Stock

Cross Cut Saws.

H. DISSTON & SONS'

VIRGINIAN

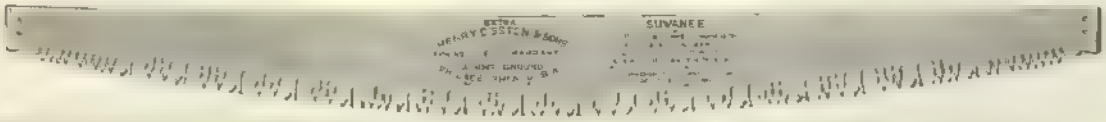


Extra High Temper Spring Steel, Extra Thin Back, Patent Ground, 14x20 Gauge, Six Gauges Thinner on Back than on Tooth Edge, Recommended as a Superior Saw for Fast Cutting.

Length, Feet	5½	6
Weight Each, About, Lbs	6	7
Each, without Handles	$6.40	7.50

Open Stock.

SUWANEE

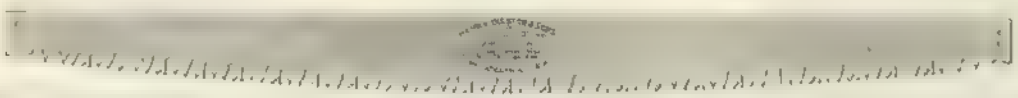


Extra High Temper Spring Steel, Extra Thin Back, Patent Ground 14x20 Gauge, Six Gauges Thinner on Back than on Tooth Edge, Recommended as a Superior Saw for Fast Cutting.

Length, Feet	5½	6
Weight Each, About Lbs	6	7
Each, without Handles	$6 40	7.50

Open Stock

ZIP



Extra High Temper Spring Steel, Extra Thin Back, Patent Ground, 14x19 Gauge, Five Gauges Thinner on Back than an Tooth Edge.

Length, Feet	5	5½
Weight Each, About, Lbs	4½	5½
Each, without Handles	$5 60	6 40

Open Stock

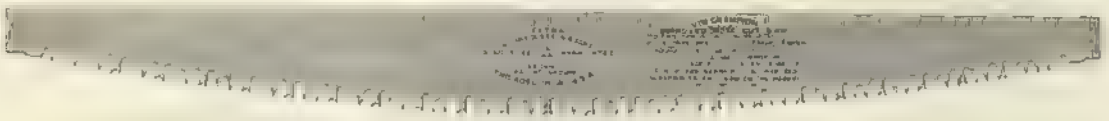
BUZZ

Extra High Temper Spring Steel, Extra Thin Back, Patent Ground, 14x19 Gauge, Five Gauges Thinner on Back than on Tooth Edge, Recommended as a Superior Saw for Fast Cutting.

Length, Feet	5	5½
Weight Each, About, Lbs	4½	5½
Each, without Handles	$5 60	6.40

Open Stock

VIM, CHAMPION TOOTH

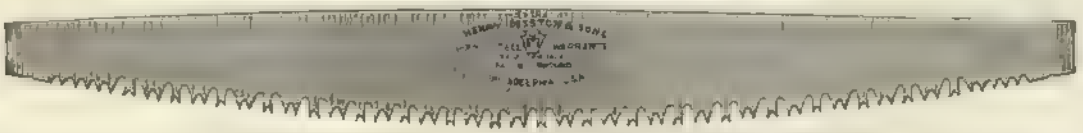


Special High Grade Steel, Taper Ground, Tough Temper, Extra Thin Back. 14x19 Gauge.

Length, Feet	5	5½	6
Weight Each, About, Lbs.	4½	5½	6½
Each, without Handles	$5 50	6 40	7.45

Open Stock

EXTRA THIN BACK, CHAMPION TOOTH



No. 1—Extra Spring Steel, Taper Ground, Extra Thin Back, 14x18 Gauge.

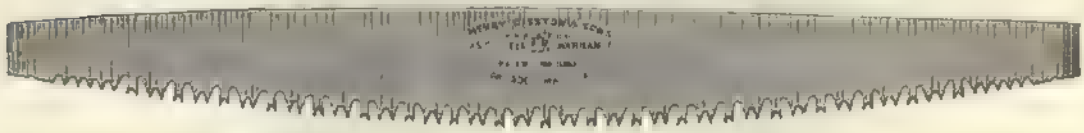
Length, Feet	5	5½	6
Weight Each, About, Lbs	5	5	7
Each, without Handles	$3.60	3.95	4 30

Open Stock

Cross Cut Saws.

H. DISSTON & SONS'

THIN BACK, CHAMPION TOOTH

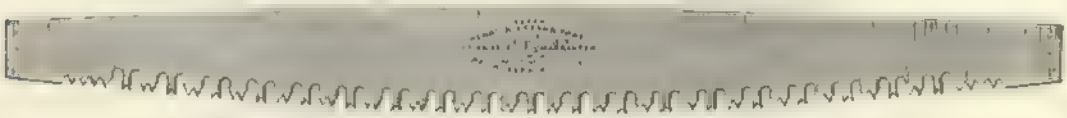


No. 2—Extra Spring Steel, Taper Ground, Thin Back, 14x16 Gauge.

Length, Feet	5	5½	6
Weight Each, Lbs	5½	6½	7
Each, without Handles	$3.30	3.65	4.00

Open Stock.

TUTTLE TOOTH



No. 1—Extra Spring Steel, Taper Ground, Extra Thin Back, 14x18 Gauge.

Length, Feet	5	5½	6
Weight Each, Lbs	5½	6½	7
Each, without Handles	$3.60	3.95	4.35

Open Stock.

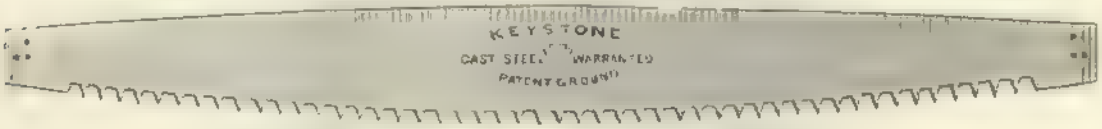
DIAMOND TOOTH

No. 1—Extra Spring Steel, Patent Ground, Thin Back, 14x18 Gauge.

Length, Feet	5	5½	6
Weight Each, Lbs	5½	6½	7
Each, without Handles	$4.15	4.55	4.95

Open Stock.

KEYSTONE, COMMON TOOTH



No. 2—Cast Steel, Patent Ground, 14x18 Gauge.

Length, Feet	5	5½	6	6½	7
Weight Each, Lbs	5½	6½	7	7½	8
Each, without Handles	$3 30	3.65	4 00	4.35	4.65

Open Stock

KEYSTONE, TENON TOOTH

No. 2—Cast Steel, Patent Ground, 14x16 Gauge.

Length, Feet	4	4½	5
Weight Each, Lbs	4	4½	5½
Each, without Handles	$2.65	3.00	3.35

Open Stock.

Cross Cut Saws.

RACER, LANCE TOOTH

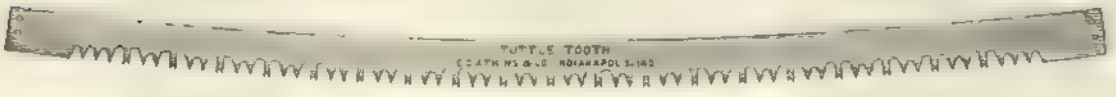
Razor Steel, Secret Temper, Extra Thin Back, 14x19 Gauge.

Length, Feet	5	5½	6	6½
Approx. Weight Each, Lbs.	5	6	6¾	7½
Each, without Handles	$5.55	6.10	6.70	7.25

Open Stock

Narrow Cross Cut Saws.

E. C. ATKINS & CO.'S
TUTTLE TOOTH, HOLLOW BACK



No. 379—High Grade Special Steel, Patent Ground, 3¼ in. Wide Blade, 14 Gauge.

Length, Feet	5	5½	6
Approx. Weight Each, Lbs.	3½	4	4½
Each, without Handles	$1 73	1.91	2.08

Open Stock.

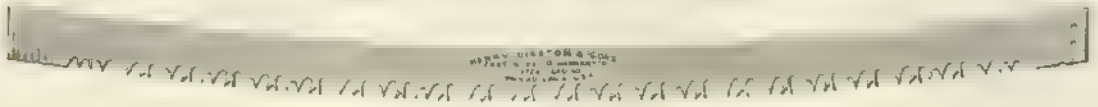
VICTOR, LANCE TOOTH PATTERN, HOLLOW BACK

No. 388—High Grade Special Steel, Patent Ground, 3¾ in. Wide Blade, 14x16 Gauge.

Length, Feet	5	5½	6
Approx. Weight Each, Lbs.	3½	4	4½
Each, without Handles	$2.67	2.93	3.20

Open Stock.

HENRY DISSTON & SONS'
CHAMPION TOOTH, HOLLOW BACK

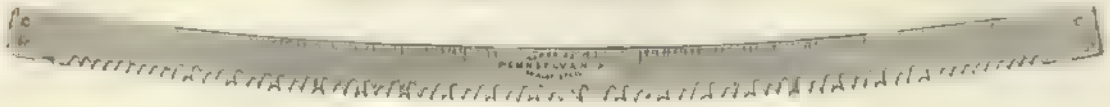


Extra Cast Steel, Patent Ground, 3¼ in Wide Blade, 14 Gauge.

Length, Feet	5	5½	6	6½
Approx. Weight Each, Lbs.	3½	4	4½	5½
Each, without Handles	$1 80	1 98	2.16	2.34

Open Stock

PENNSYLVANIA CHAMPION TOOTH



Extra Cast Steel, 3¼ in. Wide Blade, 14 Gauge

Length, Feet	5	5½	6
Approx. Weight Each, Lbs.	3½	4	4½
Each, without Handles	$1 70	1.85	2 00

Open Stock

Padlock Assortment

Per Assortment of 1 Dozen

No. L Assortment—One Dozen, Assorted Ten Styles, Mounted on Fancy Lithographed Show Card 13x17 in., with Ease Back $3 00

Contents of Assortment No. L.

2 No. 18B, 1½ in., Brass Finished Steel Case, Brassed Shackle
2 No. 18, 1½ in., Black Enameled Steel Case, Nickeled Shackle
1 No. 712, 2 in., Black Enameled Steel Case, Nickeled Shackle
1 No. 19B, 1¾ in., Brass Finished Steel Case, Brassed Shackle
1 No. 19, 1¾ in., Black Enameled Steel Case, Nickeled Shackle
1 No. 112B, 2¼ in., Brass Finished Steel Case, Brassed Shackle
1 No. 250B, 2 in., Brass Finished Steel Case, Brassed Shackle
1 No. 21, 2 in., Black Enameled Steel Case, Nickeled Shackle
1 No. 2B, 2 in., Brass Finished Steel Case, Brassed Shackle
1 No. 25, 2 in., Black Japanned Steel Case, Bright Shackle

All Above with Two Flat Steel Keys
Weight Per Assortment About 4 Pounds
One Carton in a Box

Padlock Assortment.

No. B Assortment. One Dozen Assorted, Twelve Styles. Mounted on Fancy Lithographed Show Card, 13x16 in., with Easel Back. $4.00

Contents of Assortment No. B.

1 No. 10, 1¼ in., Brass Finished Steel Case, Brassed Shackle.
1 No. 10, 1¼ in., Black Enameled Steel Case, Nickeled Shackle.
1 No. 18, 1½ in., Black Enameled Steel Case, Nickeled Shackle.
1 No. 150, 1½ in., Brass Finished Steel Case, Brassed Shackle.
1 No. 215, 1½ in., Cast Brass.
1 No. 110, 1¾ in., Black Enameled Steel Case, Nickeled Shackle.
1 No. 5, 1¾ in., Brass Barreled Steel Case, Nickeled Shackle.
1 No. 190, 1¾ in., Wrought Brass Case and Inside Parts, Duralide Shackle.
1 No. 221, 2 in., Cast Brass.
1 No. 110, 2¼ in., Black Enameled Steel Case, Nickeled Shackle.
1 No. 22, 3 in., Black Enameled Steel Case, Nickeled Shackle.
1 No. 6, 3 in., Wrought Brass Case and Inside Parts, Nickeled Shackle.

All Above with Two Key Steel Keys.
With Our Assortment Amount to Pay, as Ordered, in a Box.

Padlock Assortment.

Per Assortment of 1 Dozen

No. 1 Assortment One Dozen Assorted, Twelve Styles, Mounted on Fancy Lithographed Show Card, 14x16 in. with Base Hook $8 00

Contents of Assortment No. 1.

1 No. 219, 2 in. Wrought Brass Case and Inside Parts, Japanned Shackle
1 No. 121, 2 in. Cast Brass
1 No. 222, 2 in. Cast Bronze
1 No. 2106, 2 in., Wrought Brass Case and Inside Parts Galvanized Shackle
1 No. 01, 1¾ in., Cast Gun Metal
1 No. 01, 1¾ in., Black Enameled Steel Case, Nickeled Shackle
1 No. 441, 2 in., Black Enameled Steel Case, Nickeled Shackle
1 No. 99, 1½ in., Cast Bronze Case and Shackle
1 No. 1[illegible], in., Cast Gun Metal
1 No. [illegible], 2 in., Black Enameled Steel Case, Nickeled Shackle
1 No. 5440, 2 in., Wrought Brass Throughout, Polished
1 No. 999, 1½ in., Cast Bronze Case and Shackle

All Above with Two Cast Steel Keys
Weight Per Assortment About 5 Pounds.
One Card in a Box

Padlock Assortment.

No "Z-21" Assortment. One Dozen Assorted Eight Styles, Mounted on Fancy Lithographed Show Card 13x16 in., with Easel Back . . . . . Per Assortment of 1 Dozen $4 00

Contents of Assortment No. "Z-21."

2 No. 21, 2 in., Black Enameled Steel Case, Nickel Plated Malleable Shackle
2 No. 3050, 1⅞ in., Dipped Bright Brass Case, Brass Inside Parts, Black Enameled Malleable Shackle
1 No. [illegible] B, 2 in., Brass Plated Steel Case, Brass Plated Malleable Shackle
1 No. 5 B, 2 in., Brass Plated Steel Case, Brass Plated Malleable Shackle
1 No. 72, 2 in., Black Enameled Steel Case, Nickel Plated Malleable Shackle
1 No. [illegible], 2 in., Black Enameled Steel Case, Nickel Plated Malleable Shackle
2 No. [illegible], 2 in., Black Enameled Steel Case, Nickel Plated Malleable Shackle
2 No. 70[illegible], 2 in., Brass Plated Steel Case, Brass Plated Malleable Shackle

All Above with Two Keys
Weight Per Assortment 4¾ Pounds
One Card in a Box

Padlock Assortment.

Per Assortment of 1 Dozen

No. E Assortment—One Dozen Assorted Three Styles, Mounted on Panel Lithographed Show Card 13x16 in. with Easel Back $2 50

Contents of Assortment No. E

4 No. 106-B, 1¾ in. Brass Finished Steel Case, Brassed Shackle
4 No. 106 1¼ in. Black Enameled Steel Case, Nickeled Shackle
4 No. 106-A 1¾ in. Antique Copper Finished Steel Case, Antique Coppered Shackle

4 Sets with Two Flat Steel Keys

Weight Per Assortment About 3½ Pounds

One Card in a Box

Padlock Assortment.

No. 6 Assortment. One Doz. Assorted Padlocks Mounted on Brass Lithographed Steel Card [illegible] Per Assortment [illegible] $1.50

Contents of Assortment No. 6.

1 No. [illegible] Wrought Brass Case Hardened Bronze Parts Japanned Shackle
1 No. [illegible] Brass Finished Steel Case Brassed Steel Shackle
1 No. [illegible] Wrought Brass Case Brassed Steel Shackle
No. [illegible] Wrought Brass Case Nickel Plated Bronze Parts Japanned Shackle
1 No. [illegible] Black Zinc Coated Steel Case Nickel Shackle
No. [illegible] Cast Brass
1 No. [illegible] Cast Bronze
No. [illegible] Malleable Copper Finished Steel Case Antique Copper Finished Shackle
No. [illegible] Brass Finished Steel Case Nickel Plated Shackle
No. [illegible] Brass Finished Steel Case, Brass Steel Shackle
No. [illegible] Brass Finished Steel Case Brassed Steel Shackle
No. [illegible] Brass Finished Steel Case Nickel Plated Shackle

Above with Two Dbl. Steel Keys
Weight Per Assortment [illegible]
One Card in a Box

Coopers' Tools.

D. R. BARTON'S

HOOP KNIVES

Forged Tool Steel Blade, 1¾ in. Wide, Walnut Handles.

Lgth. of Blade, In...	7	8
Ap Wt Doz, Lbs .	21	22
Per Dozen	$21.55	25.00
Lgth of Blade, In. .	9	10
Ap. Wt. Doz., Lbs...	23	24
Per Dozen	$28.85	32 60

One-quarter Dozen in a Package.

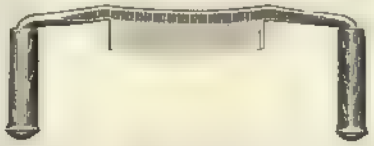
BACKING KNIVES

Forged Tool Steel Blade, 2¼ in. Wide, Walnut Handles.

Lgth. of Blade, In...	7	8
Ap Wt Doz., Lbs ..	24	25
Per Dozen	$23.60	27.40

One-quarter Dozen in a Package.

STAVE KNIVES



Forged Tool Steel Blade, 2¼ in. Wide, Walnut Handles.

Lgth. of Blade, In...	7	8
Ap. Wt Doz., Lbs...	22	24
Per Dozen	$23 60	27.40

One-quarter Dozen in a Package

HOLLOWING KNIVES

Forged Tool Steel Blade, 2¼ in. Wide, Walnut Handles.

Blade, Inches	4	4½	5	5½
Ap. Wt Per Dozen, Lbs.	18	19	20	21
Per Dozen	$22 65	22.65	22 65	23 60
Blade, Inches		6	7	8
Ap. Wt. Per Dozen, Lbs.		22	24	26
Per Dozen		$23 60	23 60	27.40

One-quarter Dozen in a Package.

HEADING KNIVES

Double Bevel.

Forged Tool Steel Blade, 2½ in. Wide, Walnut Handles.

Blade, Inches	9x2½	10x2½	12x2½	14x2½	16x2½
Ap Wt Dozen, Lbs.	27	30	36	40	42
Per Dozen	$31.20	34.95	42.50	50.00	57.60

One-quarter Dozen in a Package.

Heading Knives.

OHIO TOOL CO.'S

Double Bevel.

OHIO SPECIAL, Tool Steel Blade, 2¼ in. Wide, Polished Maple Handle.

Blade, Inches	12x2¼	14x2¼
Ap. Weight Per Dozen, Lbs.....	34	36
Per Dozen	$33.85	37 20

One-quarter Dozen in a Package

WHITE'S

Heavy Blades, Cast Steel, Polished Walnut Handles.

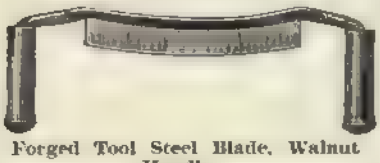
Blade, Inches	12x2¼	14x2¼
Ap. Weight Per Dozen, Lbs.....	34	36
Per Dozen	$42.75	50.00

12x2¼ in Blades are Beveled on Face Side, 14x2½ in. Blades are Flat on Face Side

One-quarter Dozen in a Package

Shingle Knives.

D. R. BARTON'S



Forged Tool Steel Blade, Walnut Handles.

Blade, Inches.....	12x3	14x2
Ap. Wt. Doz., Lbs...	24	28
Per Dozen	$34.00	37.60

One-quarter Dozen in a Package.

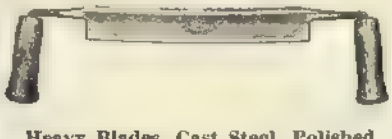
OHIO TOOL CO.'S

Tool Steel Blade, Polished Maple Handle.

Blade, Inches	12x1¾	14x1¾
Ap. Wt. Doz., Lbs..	25	26
Per Dozen	$21.60	24.00

One-quarter Dozen in a Package.

WHITE'S.



Heavy Blades, Cast Steel, Polished Walnut Handles.

Blade, Inches	12x1¾	14x1¾
Ap. Wt. Doz., Lbs..	26	28
Per Dozen	$30.00	33.35

One-quarter Dozen in a Package.

Drawing Knives.

Carpenters'.

Razor Blade, High Grade Tool Steel Cutting Edge Welded to Mild Steel Back, 1½ in Wide Blade, Finely Polished Ebonized Hardwood Handles, Nickel Plated Steel Ferrules and Caps

Lgth Blade, In	7	8	9
Ap. Wt. Doz., Lbs.	16	17	18
Per Dozen	$12.90	12 90	13.70

Lgth. Blade, In..	10	12	14
Ap. Wt. Doz., Lbs.	19	21	23
Per Dozen	$14.85	17.10	19.95

One-half Dozen in a Box.

No. 1 EXTRA

Carpenters'.

Razor Blade High Grade Tool Steel Cutting Edge Welded to Mild Steel Back, 1½ in Wide Blade, Polished Ebonized Handle, Nickel Plated Steel Ferrules and Cap

Lgth Blade, In	7	8	9
Ap. Wt. Doz., Lbs.	16	17	18
Per Dozen	$12 15	12.15	13 00

Lgth. Blade, In..	10	12	14
Ap Wt. Doz., Lbs.	19	21	23
Per Dozen	$14.05	16.20	18 90

One-half Dozen in a Box.

BARTON'S

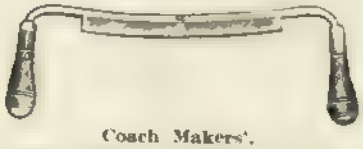
Carpenters'.

Razor Blade, Tempered and Forged Steel 1¼ in Wide, Applewood Handles Capped and Ferruled

Lgth Blade In	8	9	10
Ap Wt Doz, Lbs	16	17	18
Per Dozen	$22.65	24.55	26 45

One quarter Dozen in a Package

BARTON'S



Coach Makers'.

Razor Blade, Tempered and Forged Steel, 1¼ to 1½ in Wide Applewood Handles, Capped and Ferruled

Lgth. Blade, In..	8	9	10
Ap Wt Doz, Lbs	17	18	19
Per Dozen	$24 55	26.45	28 30

One-quarter Dozen in a Package

BARTON'S

Carriage Makers'.

Razor Blade, Tempered and Forged Steel ¾ to 1 in Wide, Applewood Handles, Capped and Ferruled

Lgth. Blade, In..	8	9	10
Ap Wt Doz Lbs	14	16	18
Per Dozen . .	$22 65	24 55	26 45

One-quarter Dozen in a Package

BARTON'S

Wagon Makers'.

Heavy Blade, Tempered and Forged Steel, 1¼ to 1¾ in Wide, Black Walnut Handles, Capped.

Lgth. Blade, In..	8	9	10
Ap Wt Doz, Lbs	25	26	27
Per Dozen ...	$24 55	26.45	28 30

One-quarter Dozen in a Package

PERFECT HANDLE

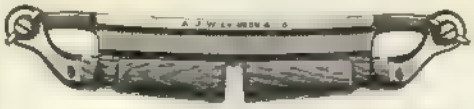
Carpenters',

Razor Blade Solid Best Quality Crucible Steel Highly Tempered, 1⅜ in Wide Handles and Blades Drop Forged from One Solid Piece of Tool Steel

Lgth. Blade, In..	8	10	12
Ap Wt Doz, Lbs	20	22	24
Per Dozen .	$17.80	20 00	22 25

One-half Dozen in a Box

WILKINSON'S



Cut Shows Handles Folded and Cutting Edge Protected.

Carpenters'.

Best Cast Steel Blade, Oil Tempered, 1½ in Wide Folding and Adjustable Handles

Lgth of Blade In .	7	8
Ap Wt Doz, Lbs .	18	21
Per Dozen	$33 75	36.00

Lgth of Blade In	9	10
Ap Wt Doz, Lbs .	24	27
Per Dozen	$40.50	45.00

One-half Dozen in a Box

OHIO IMPROVED

No. 600—Carpenters'.

Razor Blade, Best Tool Steel, 1⅜ in. Wide Adjustable Handles, Stained and Hand Polished.

Lgth Blade, In	8	9	10
Ap Wt Doz, Lbs	17	19	21
Per Dozen . .	$22 25	22 80	23 35

One-quarter Dozen in a Box

WATROUS

Carpenters'.

Razor Blade Solid Crucible Steel 1⅜ in Wide Adjustable Handles Extra Quality and Finish

Lgth. Blade, In..	8	9	10
Ap Wt Doz, Lbs	20	22	24
Per Dozen .	$20.00	22 50	25 00

One-half Dozen in a Box.

WATROUS

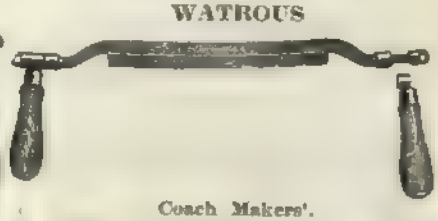
Scroll.

Narrow Blade Solid Crucible Steel, ⅞ in Wide Beveled on Both Sides Adjustable Handle, Extra Quality and Finish

Lgth of Blade, In...	7	8
Ap Wt Doz Lbs .	18	20
Per Dozen	$17 50	20 00

One-half Dozen in a Box.

WATROUS



Coach Makers'.

Wide Blade Solid Crucible Steel 1¼ in Wide, Beveled on Both Sides Adjustable Handle, Extra Quality and Finish.

Lgth. Blade, In..	8	9	10
Ap Wt Doz, Lbs	20	22	24
Per Dozen	$20 85	23.35	25 80

One-half Dozen in a Box.

Coopers' Tools.

D. R. BARTON'S

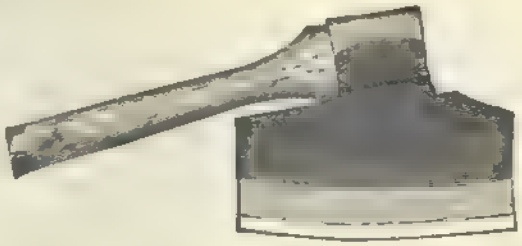
ADZES

Solid Cast Steel, Half Polished, Applewood Handle with Bolt Running Through.

No.	1½
Length of Head, Inches	9
Length Over All, Inches	8½
Approx. Weight Per Dozen, Lbs	42
Per Dozen	$53.80

Open Stock.

AXES



Solid Cast Steel, Half Polished, Hickory Handle.

Nos.	1	1¼	2
Cuts, Inches	10½	9½	8⅛
Length of Handle, Inches	16	15	14
Ap Weight Per Dozen, Lbs	60	54	48
Per Dozen	$62 80	56 70	51.00

Open Stock.

SCRAPERS

Cast Steel, Wood Handle.

Per Dozen

No. 189—Width of Cut 3 in., Length Over All 12 in....$18.65

Weight Per Dozen About 9 Pounds

Open Stock.

HOOP DRIVERS

Plain Hickory, without Ring.

Per Dozen

No. 50—Width of Bit 3⅛ in., Length Over All 10½ in. . $5.35

Weight Per Dozen About 9 Pounds.

Open Stock

HOOP DRIVERS

Plain Hickory, with Ring.

Per Dozen

No. 60—Width of Bit 3⅛ in., Length Over All 10½ in $5 80

Weight Per Dozen About 10 Pounds.

Open Stock

HOOP DRIVERS

NANTUCKET, Forged Tool Steel, Polished Bit, Japanned Head, without Handles.

Per Dozen

No. 165—Width of Bit 1½ in., Length Over All 4½ in...$14.15

Weight Per Dozen About 15 Pounds.

One-half Dozen in a Package

HOOP DRIVERS

Short and Oval, Forged Tool Steel, Japanned Socket, without Handle.

Per Dozen

No. 166—Width of Bit 2¾ in Length Over All 4 in. . $21 25

Weight Per Dozen About 12 Pounds

One-half Dozen in a Package

HOOP DRIVERS

Socket, Forged Steel, Polished, Polished Hickory Handle.

Per Dozen

No. 164—Width of Bit 2¾ in., Length Over All 11 in....$21.25

Weight Per Dozen About 18 Pounds.

One-quarter Dozen in a Package.

Spoke Shaves.

BARTON'S

Cleveland Pattern, Steel Cutter, Walnut Handles.

Per Dozen

No. 75—2⅝ in. Cutter, Length Over All 16 Lbs.....$28 35

Weight Per Dozen About 21 Pounds.

One-half Dozen in a Package.

Per Dozen

Extra Cutters—2⅝ in. for No. 75 Spoke Shaves. ...$6 80

Weight Per Dozen About 4 Pounds.

Open Stock.

BAILEY'S

Bailey's, Steel Cutters, Japanned Iron Straight Handles.

Per Dozen

No. 56 —2⅝ in Cutter, Length Over All 18 in., Weight Per Dozen About 25 Lbs. . .$ 8.90

No. 56½—4 in Cutter, Length Over All 19 in , Weight Per Dozen About 30 Lbs... . . . 11 10

One-half Dozen in a Package

Per Dozen

Extra Cutters—2⅝ in. for No. 56, Weight Per Dozen About 1½ Lbs. . . . $2 25

Extra Cutters—4 in. for No. 56½, Weight Per Dozen About 2½ Lbs..... 2 80

Open Stock

Iron Spoke Shaves.

SMITH'S

Best Cast Steel Cutters, Japanned Iron Straight Handles.

Per Dozen

No. 1—1¾ in. Cutter 9 in Long **$2.80**

Approx. Weight Per Dozen 6 Pounds.

One-half Dozen in a Box.

Best Cast Steel Cutters, Japanned Iron Straight Handles.

Per Dozen

No. 2—2⅛ in. Cutter, 10 in. Long **$4.10**

Approx. Weight Per Dozen 8 Pounds.

One-half Dozen in a Box.

Best Cast Steel Cutters, Japanned Iron Straight Handles.

Per Dozen

No. 3—Two Cutters, One 1¾ in. Straight and One 1¾ in Curved, 10 in. Long..... **$5 25**

Approx. Weight Per Dozen 8 Pounds.

One-half Dozen in a Box

BAILEY'S

Double Iron, Improved, Tempered Steel Cutter, Japanned Iron Straight Handles.

Per Dozen

No. 52—2⅛ in. Cutter, 10 in. Long **$4.70**

Approx. Weight Per Dozen 8 Pounds

One-half Dozen in a Box

Per Dozen

Extra Cutters—2⅛ in., for No. 52 Shaves **$1.35**

Adjustable Mouth, Tempered Steel Cutter, Japanned Iron Raised Handles.

Per Dozen

No. 53—2⅛ in. Cutter 10 in. Long **$5.80**

Approx. Weight Per Dozen 9 Pounds.

One-half Dozen in a Box

Per Dozen

Extra Cutters—2⅛ in., for No. 53 Shaves **$1.35**

Adjustable Mouth, Tempered Steel Cutter, Japanned Iron Straight Handles.

Per Dozen

No. 54—2⅛ in. Cutter, 10 in Long **$5.80**

Approx. Weight Per Dozen 9 Pounds

One-half Dozen in a Box.

Per Dozen

Extra Cutters—2⅛ in., for No. 54 Shaves **$1 35**

Hollow Face, Tempered Steel Cutter, Japanned Iron Raised Handles.

Per Dozen

No. 55—2⅛ in. Cutter, 10 in. Long **$4.00**

Approx. Weight Per Dozen 8 Pounds

One-half Dozen in a Box.

Per Dozen

Extra Cutters—2⅛ in., for No 55 Shaves **$1.35**

Two Cutters, Hollow and Straight, Tempered Steel, Japanned Iron Straight Handles.

Per Dozen

No. 60—1⅛ in. Cutters, 10 in Long **$5.80**

Approx. Weight Per Dozen 9 Pounds.

One-half Dozen in a Box.

Per Dozen

Extra Cutters—1⅛ in , for No. 60 Shaves **$1 90**

Adjustable Chamfer, Tempered Steel Cutter, Japanned Iron Raised Handles.

Per Dozen

No. 65—1½ in. Cutter, 9⅛ in. Long **$7.50**

Approx. Weight Per Dozen 9 Pounds

Can be adjusted to work chamfer up to 1½ in. (the width of the cutter.)

One-half Dozen in a Box.

STANLEY

Convex Bottom, Tempered Steel Cutter, Japanned Iron Straight Handles.

Per Dozen

No. X63—1⅛ in. Cutter, 9 in Long **$3.70**

Approx. Weight Per Dozen 7 Pounds.

Designed especially for use in Manual Training Schools or for any work requiring the use of an Extra Light Spoke Shave.

One-half Dozen in a Box.

STANLEY

Tempered Steel Cutters, Japanned Iron Handles.

Per Dozen

No. 68—2⅛ in. Cutters, 10¾ in Long **$16.70**

Approx. Weight Per Dozen 12 Pounds

Especially adapted for workmen on Automobile and Coach Bodies, Carriage Makers, Car Builders and Cabinet Makers will find this a very convenient tool for finishing panels, rabbets, etc.

One-half Dozen in a Box

UNIVERSAL

Tempered Steel Cutters, Detachable Rosewood Handles, Detachable Bottoms, One for Straight and One for Circular Work, Nickel Plated Metal Parts.

Per Dozen

No. 67—1⅞ in Cutter, 9¼ in Long **$24 30**

Approx Weight Per Dozen 9 Pounds.

Either handle can be screwed into the top of the stock enabling user to work into corners or panels as no other Spoke Shave will do

One-twelfth Dozen in a Box.

Wood Spoke Shaves.

MILLER FALLS

Polished and Nickel Plated Metal Parts, Removable Wood Handles, Circular Shape Permitting Tool to Work in Small Circles.

Per Dozen

No. 1M—10 in. Long..... **$15.75**

Approx. Weight Per Dozen 5½ Pounds.

One-half Dozen in a Box.

STANLEY'S

Razor Edge Tempered Steel Adjustable Cutters, Adjustable Front, Boxwood Handles. Polished.

Per Dozen

No. 84—2 in. Cutter, 11 in. Long, Approx. Weight Per Dozen 3 Lbs..... **$16.10**

No. 85—2⅛ in. Cutter, 12 in. Long, Approx. Weight Per Dozen 4 Lbs... **17 80**

One-twelfth Dozen in a Box

Mallets.

ROUND

Hickory, Mortised Handle.

	Per Dozen
No. 2—5½ in Long, 3½ in. Diameter, 13 in Long Handle, Approx. Weight Per Dozen 22 Lbs.	$3 90
No. 3—6 in. Long, 4 in. Diameter, 13 in. Long Handle, Approx. Weight Per Dozen 28½ Lbs.	4.90

Lignumvitae, Mortised Handle.

	Per Dozen
No. 5—5 in. Long, 3 in. Diameter, 10½ in. Long Handle, Approx. Weight Per Dozen 19 Lbs.	$5.80
No. 6—5½ in. Long, 3½ in. Diameter, 13 in. Long Handle, Approx. Weight Per Dozen 29¼ Lbs.	6.90
No. 7—6 in Long 4 in Diameter, 13 in Long Handle, Approx. Weight Per Dozen 44 Lbs.	9.55

Open Stock.

SQUARE

Hickory, Mortised Handle.

	Per Dozen
No. 8—6 in Long, 3½x3½ in Face, 10½ in. Long Handle, Approx. Weight Per Dozen 16 Lbs.	$3.90
No. 9—6½ in. Long, 2⅝x3⅝ in. Face, 13 in. Long Handle, Approx. Weight Per Dozen 21½ Lbs.	4.95

Lignumvitae, Mortised Handle.

	Per Dozen
No. 12—6½ in. Long, 2⅝x3⅝ in. Face, 13 in. Long Handle, Approx. Weight Per Dozen 31 Lbs.	$ 9.10
No. 13—7 in. Long, 3x4 in. Face, 13 in. Long Handle, Approx Weight Per Dozen 36 Lbs.	11.10

Open Stock.

ROUND

Iron, Hickory Ends, Mortised Handle.

	Per Dozen
No. 15—4 in. Long, 2½ in. Diameter, 10½ in. Long Handle.	$7.80

Approx. Weight Per Dozen 34 Pounds

Open Stock.

ROUND

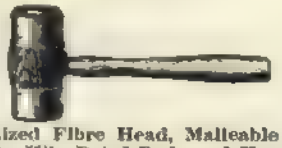
Iron Socket, Hickory Ends, Mortised Handle.

	Per Dozen
No. 16—5½ in. Long, 3 in. Diameter, 12 in. Long Handle.	$14.10

Approx. Weight Per Dozen 43 Pounds.

Open Stock.

ROUND

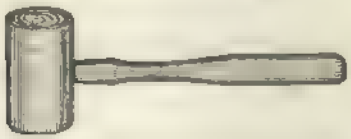


Vulcanized Fibre Head, Malleable Iron Bands, Kiln Dried Body and Handle.

Nos.	02	02½	03
Length Head, In.	5	5½	6
Diam. Face, In.	2	2½	3
Lgth. Handle, In.	10	10¾	10½
Ap. Wt. Doz., Lbs.	15	21	26
Per Dozen	$10 80	12.45	15 00

Open Stock.

RAWHIDE



Genuine Solid Rawhide Heads, Hardwood Handles.

Nos.	2R	3R	4R	5R
Length Head, Inches	3	3⅛	3¼	4¼
Diam. of Face, Inches	1⅜	1⅝	2	2⅜
Length of Handle, Inches	8	8	8	8½
Ap. Wt. Per Dozen, Lbs.	4½	6	8	15
Per Dozen	$9.50	11.10	13.90	30.55

Open Stock.

RUBBER

Excellent Grade Serviceable Rubber of Correct Hardness, Hardwood Handles.

Nos.	00HR	0HR	1HR	2HR	3HR	4HR
Length Head, Inches	3	2¾	3	3½	4	4⅞
Diam. at Center, In	1⅛	2⅛	2⅝	2¾	2⅞	3¾
Diam. at Ends, In.	1⅛	1⅜	2¼	2¼	2¼	2½
Ap. Wt. Dozen, Lbs	2½	5	9	11	14	21
Per Dozen	$7.20	9.70	11 80	13 00	14 70	21 65

Open Stock

Tinners' Mallets.

Hickory, Mortised Handle.

	Per Dozen
No. 05—5⅛ in. Head, 2¼ in. Diameter, 10½ in. Long Handle	$1 90
No. 06—5½ in. Head, 2½ in. Diameter, 10½ in. Long Handle	2.15

Approx. Weight Per Dozen 11 Pounds

Open Stock.

Tinners' Mallets.

Extra Quality Second Growth Hickory, Mortised Handle.

	Per Dozen
No. 25—6 in. Head, 2¼ in. Diameter, 10 in. Long Handle.	$3.15
No. 26—6 in. Head, 2½ in. Diameter, 10 in. Long Handle.	3.45
No. 27—6 in. Head, 2¾ in. Diameter, 10 in. Long Handle.	3.80

Approx. Weight Per Dozen 14 Pounds

Open Stock.

Stone Cutters' Mallets.

Second Growth Hickory.

	Per Dozen
No. 30—Weight Each 5 Lbs.	$22.25
No. 30—Weight Each 6 Lbs.	28 00
No. 30—Weight Each 7 Lbs.	33.35
No. 30—Weight Each 8 Lbs.	37.75

Open Stock.

Tool Handles With Tools.

Henry's Patent.

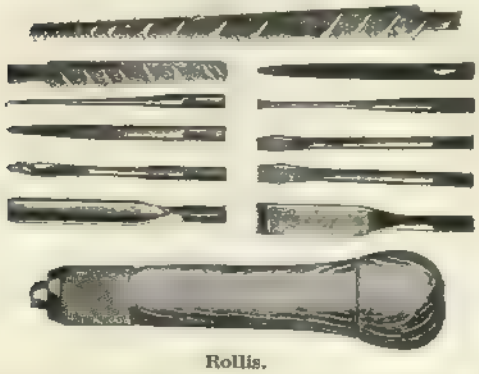
Made of Cocobolo, Finely Polished, Nickel Plated Metal Cap.

Per Dozen

No. 7—4 in. Long, Contains 12 Tools Made of Tool Steel, One Each Chisel, Screw Driver, Reamer, Tack Puller, Pegging Awl and Marking Awl and Six Assorted Brad Awls.....$10 00

Approx. Weight Per Dozen 3 Pounds.

One-half Dozen in a Box.



Rollis.

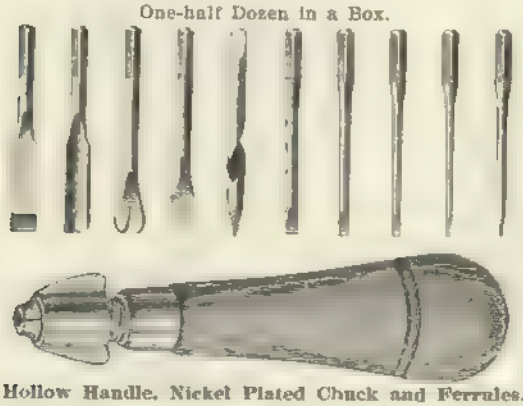
Hollow Cocobolo Handle, Nickel Plated Chuck. Positive Grip.

Per Dozen

No. 01—7½ in. Long, Contains 11 Tools of High Grade Steel, Hardened and Tempered, 4 in. Long.. $26.65

Approx. Weight Per Dozen 12 Pounds

One-half Dozen in a Box.



Hollow Handle, Nickel Plated Chuck and Ferrules.

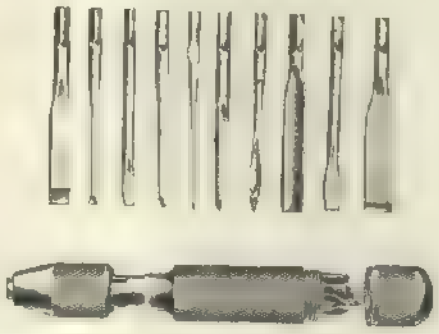
Per Dozen

No. 1—6 in Genuine Cocobolo Handle, with 10 2¼ in. Hardened and Tempered Tools, Approx. Weight Per Dozen 6 Lbs $8 90

No. 4—5¾ in. Hollow Cocobolo Handle, with 10 2½ in. Tools, Approx Weight Per Dozen 5 Lbs... 7.80

No. 5—6 in. Hollow Maple Handle, with 10 2½ in Tools, Approx. Weight Per Dozen 4½ Lbs.... 5.60

One-half Dozen in a Box



Rollis.

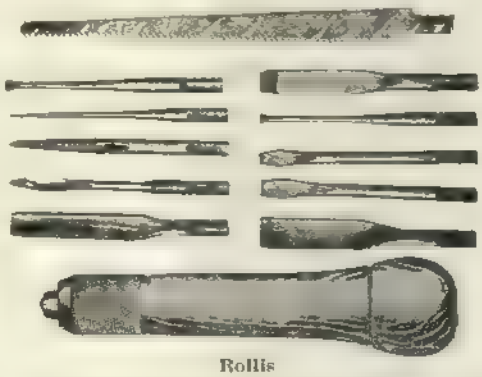
Solid Bar Steel, Knurled and Nickel Plated, Hollow Handle.

Per Dozen

No. 8—6 in. Long, Contains Ten 2¾ in. Tools as Shown $10.45

Approx. Weight Per Dozen 9 Pounds

One-twelfth Dozen in a Box.



Rollis

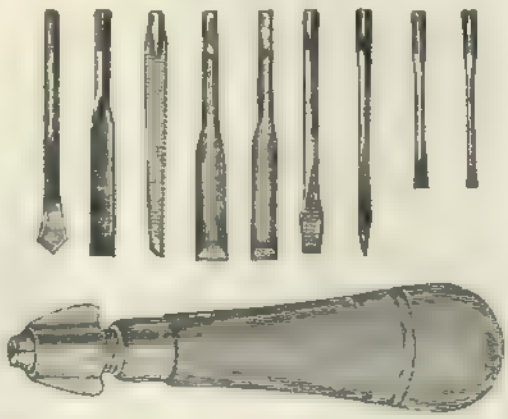
Hollow Cocobolo Handle, Nickel Plated Chuck, Positive Grip

Per Dozen

No. 02—6⅝ in Long, Contains 11 Tools of High Grade Steel, Hardened and Tempered, 2¾ Long $17 80

Approx. Weight Per Dozen 6 Pounds

One-half Dozen in a Box.



Hollow Handle, Nickel Plated Chuck and Ferrules.

Per Dozen

No. 2B—7 in. Long, Contains 9 Tools, Highly Tempered and Finished Steel, 4½ in Long.....$16 65

Approx. Weight Per Dozen 7 Pounds.

One-half Dozen in a Box

Saw Gauges.

ATKINS'

Malleable Iron, Flanged, Plain Finish.

Per Dozen

No. 1—Single Tooth, Length 5⅛ in., for Gauging Length of Raker or Cleaner Teeth.....$1.45

Weight Per Dozen About 2 Pounds.
One Dozen in a Box

Malleable Iron, Flanged, Plain Finish.

Per Dozen

No. 2—Double Tooth, Length 5⅛ in., for Gauging Length of Raker or Cleaner Teeth and Set of Teeth $2.00

Weight Per Dozen About 3 Pounds.
One Dozen in a Box

Cleaner Tooth Gauges.

DISSTON'S

Cast Steel, Plain Finish.

Per Dozen

No. 4—Single Tooth, Length 4⅝ in., for Gauging Raker or Cleaner Teeth.....$0.90

Weight Per Dozen About 1 Pound
One Dozen in a Box.

Set Gauges.

Malleable Iron, with Set Screw, Plain Finish.

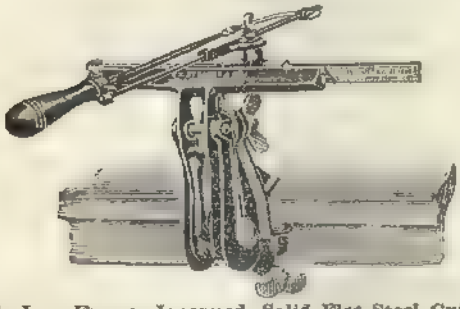
Per Dozen

No. 8—Length 3¼ in., Width 1¾ in.....$2.25

Weight Per Dozen About 1 Pound.
One Dozen in a Box.

Saw Filing Guides.

STEARNS'



Malleable Iron Frame, Japanned, Solid Flat Steel Guide Bar, Malleable Iron File Attachment.

Each

No. 6—10½ in Noiseless Rubber Cushioned Jaw Vise, 16 in. Solid Guide Bar with Handle and File..$3.00

Weight Each About 8¾ Pounds

The Guide has three rigid positions in which it holds the file; one position for filing the saw on first side, another for filing it on the opposite side, a third for use in filing rip saws only. By means of the Ball and Socket Joint the Guide may be set at either of these positions; when thus set the file is rigidly held at the proper angle and incline for filing, and it is then impossible to file the teeth inaccurately

One in a Box.

DISSTON'S

Malleable Iron Frame, Japanned, Steel Guide Rod, Malleable Iron File Attachment.

Each

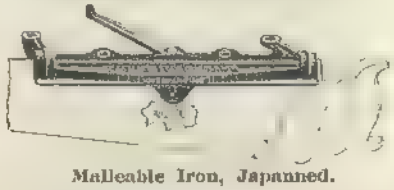
No. D3—12½ in. Plain Face Jaw Vise, 16½ in. Slide, with Handle and File.....$3.90

Weight Each About 20 Pounds.

The Guide has 3 marks on the upper hub of the swivel attachment and one mark on the other. One of the three marks shows when it is in position for first side and the other designates when it is in position for filing other side. The third or center mark shows it in position for filing rip saws.

One in a Box.

STEARNS' OVERHANGING



Malleable Iron, Japanned.

Per Dozen

No. 100—11 in. Jaws, Length Over All 13 in..... $9 85

Weight Per Dozen About 36 Pounds
One-sixth Dozen in a Box.

Saw Vises.

ATKINS'

All Steel, Japanned.

Per Dozen

No. AAA—Extreme Length 12 in., very Compact, Occupies Not Much More Room than a Chisel in a Kit, Easily Attached to Either Board or Bench $16.65

Weight Per Dozen About 12 Pounds
One-quarter Dozen in a Box.

Saw Tools.

SIMONDS' CRESCENT

Jointing.

Frame.

Setting Hammer.

Malleable Iron Frame, Natural Finish, Two File Screws, One Adjusting Screw, with Hard Steel Plate to Prevent Saw Teeth Cutting Metal and Thus Altering its Fine Adjustment.

Per Dozen Sets

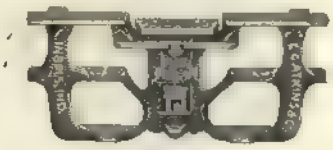
No. 11—Length 5½ in., Height 2½ in. Setting Block 7 in. Long, Tooth Set Gauge 3½ in. Long, 1½ in. Wide without Setting and Swaging Hammer, Weight Per Dozen Sets About 17 Lbs. $17.80

No. 22—Same Description as No. 11, but with Drop Forged Setting and Swaging Hammer, Weight Per Dozen Sets About 22 Lbs. $25.35

Quick, Accurate and Rigid Adjustment of Raker Gauge. No chance to dislocate slide when once set in position—a feature not to be found in any other tool on the market. Depth of Raker Teeth can be varied from 1/8 to 1-1000 of an inch, the slide being held firmly in all positions. **Holds Jointing File square with Body of Saw.**

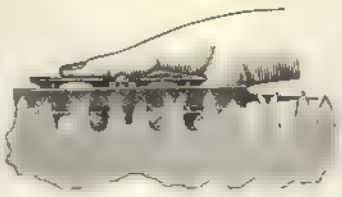
One Set in a Box with Instructions for Use.

ATKINS' DEXTER



Jointer.

Raker Gauge



Side File.

Cast Iron Frame, Natural Finish, Ground Top Plate.

Per Dozen Sets

No. 55—Length 5⅛ in., Height 2¼ in., a Raker Tooth Gauge, Jointer and Side File Combined in One Tool $6.10

Weight Per Dozen Sets About 6 Pounds.

One-half Dozen in a Box.

ATKINS' EXCELSIOR

Jointer.

Jointer.

Setting Block.

Cast Iron Frame, Natural Finish, Ground Top Plate.

Per Dozen Sets

No. 66—Length 5⅝ in., Height 2¼ in., Setting Block 7⅝ in. Long, Tooth Set Gauge 3¼ in. Long, 1¾ in. Wide $8.90

No. 66F—Same as No. 66, but for Fine Tooth and One Man Cross Cut Saws 8.90

A Set consists of Combined Jointers, Tooth Gauge and Side File, a Setting Block and Set Gauge. Full Instructions for use with each set

One-twelfth Dozen Sets in a Box.

No. 066

Extra Setting Blocks.

Channeling Set Blocks, Chilled Iron.

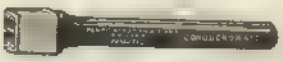
Per Dozen

No. 066—Length 7½ in., for Saw Tools, Weight Per Dozen About 4 Lbs. $5.00

One-half Dozen in a Box

Saw Swages.

DISSTON'S CONQUEROR



Forged Steel Body, Hardened Face, Inserted Crucible Steel Hardened Jaws.

Each

No. 3—Length 2⅜ in., for Small Circular Saws and Narrow Band Saws, not Heavier than 15 Gauge. $2.05

Weight Each About ¼ Pound.
One in a Box.

Forged Steel Body, Hardened Face, Inserted Crucible Steel Hardened Jaws.

Each

No. 2—Length 3½ in., for Small Circular and Mill Saws, not Heavier than 10 Gauge..... $3.40

Weight Each About ½ Pound
One in a Box.

Forged Steel Body, Hardened Face, Inserted Crucible Steel Hardened Jaws.

Each

No. 1—Length 5 in, for Large Circular Saws..... $4 10

Weight Each About 1¼ Pounds.
One in a Box.

The upper opening in the Swage being rounded on the bottom, takes its bearing on the center of the tooth, spreading and shaping it as shown on section of tooth H The lower opening (in which section of tooth is inserted) is used for squaring up, and leaves the tooth as shown at G

Saw Jointers.

Cast Iron Frame, Japanned, Flat File, 4 Adjusting Screws.

Per Dozen

No. 35—Length 4 in., Height 2 in., 4x5 in File, Adjustable to any Thickness of Saw Blade..... $8.00

Weight Per Dozen About 9 Pounds
One-half Dozen in a Box.

Side Files.

Malleable Iron Frame and Set Screws, Japanned.

Each

No. 40—Length 6¾ in., Width 3¾ in., 4x1½ in. File, for Circular Saws, Weight Per Dozen About 18 Lbs. $1.35

No. 42—File Only, Weight Per Dozen About 6 Lbs. . .45

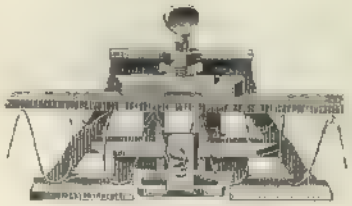
No. 41—Frame Only, Weight Per Dozen About 12 Lbs. 1.12

Designed for the purpose of evening up the sides of circular saw teeth after setting
One-twelfth Dozen in a Box.

Saw Tools.

DISSTON'S UNIVERSAL

Set Gauge.



Jointer.

Malleable Iron Frame, Natural Finish, One File Screw, One Adjusting Screw.

Per Dozen Sets

No. 44—Length 4½ in., Height 3 in., Setting Block 7½ in. Long, Tooth Set Gauge, 3¼ in. High, 1¾ in. Wide..... $9.85

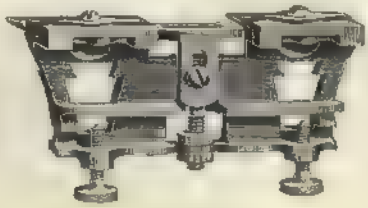
Weight Per Dozen Sets About 15 Pounds.

A Set consists of Jointer, Raker Tooth Gauge, Setting Block and Anvil, Set Gauge and Side Dresser.

One-twelfth Dozen Sets in a Box.

DISSTON'S IMPERIAL

Setting Block.



Jointer.

Malleable Iron Frame, Natural Finish, Two File Screws, One Adjusting Screw, Steel Wearing Parts.

Per Dozen Sets

No. 45—Length 5⅛ in., Height 2¾ in., Setting Block 7½ in Long, Tooth Set Gauge, 3¼ in High, 1¾ in. Wide..... $21.10

Weight Per Dozen Sets About 21 Pounds.

A Set consists of Jointer, Raker Tooth Gauge, Setting Block or Anvil and Set Gauge

One-twelfth Dozen Sets in a Box.

Saw Sets.

SMITH'S

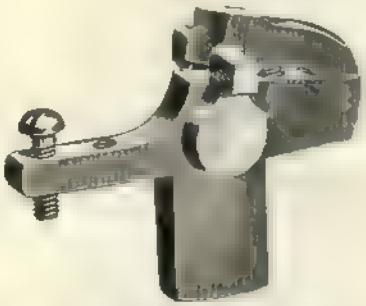
Hammer Set, Japanned, Iron Body, Steel Mandrel and Anvil.

	Per Dozen
No. 14—Height Over All 4¾ in., Extreme Width 2¾ in., for Hand Saws	$11.65

Weight Per Dozen About 12 Pounds

One Dozen in a Box.

AIKENS PATTERN



Cast Steel Hammer, Steel Seat.

	Per Dozen
No. 10H—Height Over All 3 in., Length Over All 3¾ in., Extreme Width 1½ in., for Hand Saws	$8 35

Weight Per Dozen Abont 6½ Pounds

One-half Dozen in a Box.

DISSTON'S STAR

Malleable Iron, Japanned, Steel Hammer and Anvil.

	Per Dozen
No. 20—Height Over All 5¾ in., Extreme Width 3¼ in., for Hand, Back, Band, Web, Wood and Small Circular Saws not Thicker than 18 Gauge	$13 00

Weight Per Dozen About 18 Pounds.

One-quarter Dozen in a Box.

WHITING'S

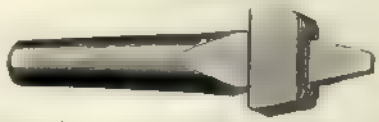
Hammer Set, Forged Steel, Polished Natural Finish Point.

	Per Dozen
No. 15—Length 3¼ in., 1x⅝ in., Collar, for Cross Cut Saws	$11.10

Weight Per Dozen About 3 Pounds.

One-half Dozen in a Box

WOODMAN



Hammer Set, Steel, Polished, Natural Finish Point.

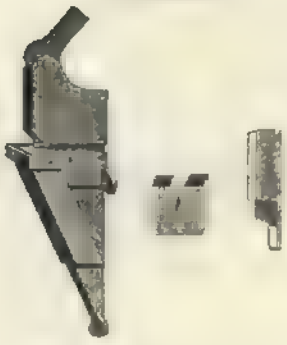
	Per Dozen
No. 16—Length 3¼ in., 1x⅝ in., Collar, for Cross Cut Saws	$7 25

Weight Per Dozen About 3 Pounds.

Open Stock

Saw Gummers.

ROMER'S



Steel, Improved Lever.

	Each
No. 2—Height 16¼ in., Width 4½ in., Suitable for All Kinds of Cross Cut Saws	$24 00
Extra Dies—For Above	3.35
Extra Punches—For Above	3 35

Open Stock.

I. X. L.

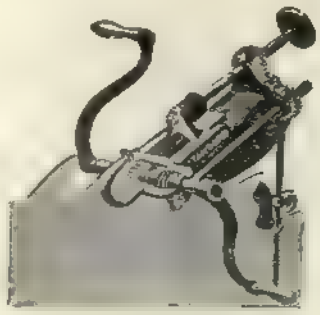
	Each
No. 1—I. X. L., Changeable Self-Feed	$20.00

This Gummer does not have an Automatic Self-Feed, but will do as good as the Standard Gummer. Put up complete with Three Arbors, Two Cranks, Three Solid Cutters, One Cutter Grinder and Wrench

Weight Each About 28 Pounds.

One in a Box.

STANDARD



	Each
No. 0 — Standard, Automatic Changeable Self-Feed	$26 65

This Gummer will gum any kind of an Upright or Circular Saw, from the smallest to the largest, and will not injure the Saw in any way, or case-harden the teeth. Put up complete with Thre Arbors, Two Cranks, Three Solid Cutters, One Cutter Grinder and Wrench

Weight Each About 32 Pounds

One in a Box.

Saw Sets.

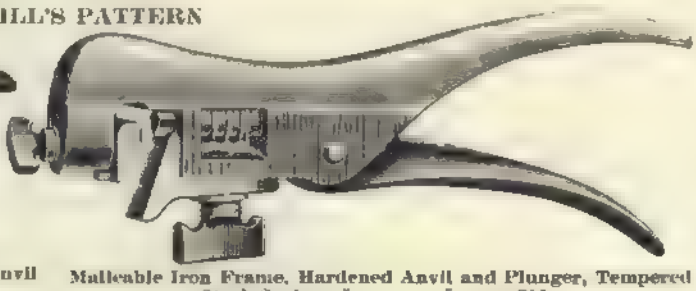
MORRILL'S PATTERN

Malleable Iron Frame, Full Polished, Hardened Steel Anvil and Plunger, Tempered Steel Spring.

Per Dozen

No. 100—Length 6¾ in., for Hand, Band and Jig Saws, from the Widest Made Down to ½ in.... $5 60

Weight Per Dozen About 8 Pounds.
One-half Dozen in a Box



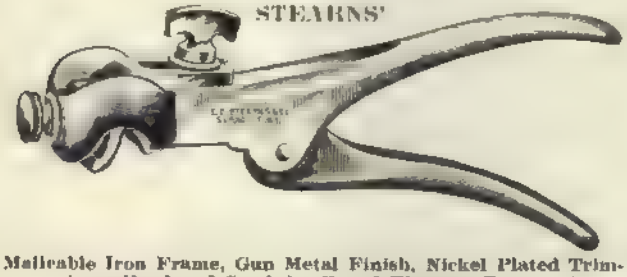
Malleable Iron Frame, Hardened Anvil and Plunger, Tempered Steel Spring, Lever on Lower Side.

Per Dozen

No. 204—Length 9¼ in., for Champion or M Tooth Cross Cut Saw from 14 to 20 Gauge.... $13.35

Weight Per Dozen About 19 Pounds.
One-half Dozen in a Box.

STEARNS'



Malleable Iron Frame, Gun Metal Finish, Nickel Plated Trimmings, Hardened Steel Anvil and Plunger, Tempered Steel Spring Lever on Lower Side.

Per Dozen

No. 125—Length 6½ in., for All Hand, Band and Jig Saws $11.65

Weight Per Dozen About 8½ Pounds
One-half Dozen in a Box

HOLT'S IMPROVED

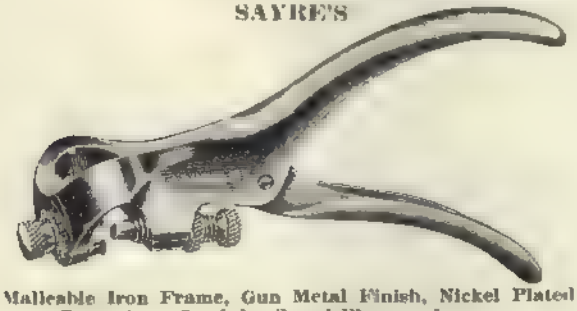
Steel Frame, Steel Anvil and Plunger, Full Polished, Interchangeable Parts, Lever on Lower Side.

Per Dozen

No. 30—Length 6½ in., for All Hand, Band and Jig Saws, will Set 16 Point and all Coarser Saws $15.55

Weight Per Dozen About 7½ Pounds
One-half Dozen in a Box

SAYRE'S



Malleable Iron Frame, Gun Metal Finish, Nickel Plated Trimmings, Steel Anvil and Plunger, Lever on Lower Side

Per Dozen

No. 127—Length 6½ in. for Hand, Band and Jig Saws $15 55

Weight Per Dozen About 9 Pounds
One-half Dozen in a Box

CRITERION

Best Refined Malleable Iron, Japanned, Hardened Drop Forged Tool Die and Anvil.

Per Dozen

No. 12—Length 8½ in., for All Kind of Cross Cut, Hand, Wood and Other Small Saws..... $13.25

Weight Per Dozen About 14 Pounds
One-half Dozen in a Box

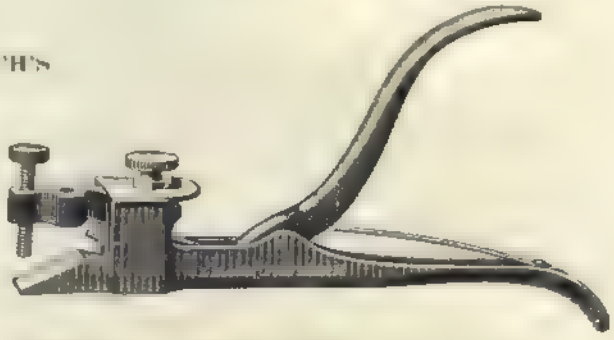
LEACH'S

Malleable Iron, Japanned, Milled Screws, Steel Anvil and Saddle.

Per Dozen

No. 01—Length 7 in., for Hand Saws.....$9 45

Weight Per Dozen About 7½ Pounds.
One-half Dozen in a Box.



Malleable Iron, Japanned, Milled Screws, Steel Anvil and Saddle.

Per Dozen

No. 11—Length 12 in., for Cross Cut Saws, ...$18.90

Weight Per Dozen About 19 Pounds
One-half Dozen in a Box

Saw Sets.

TAINTOR'S POSITIVE

All Steel, Full Polished.

Per Dozen

No. 7—Length 6 in., for Hand Saws, 3 Lengths of Face, F for Fine, M for Medium, C for Coarse Teeth, Face of Anvil Numbered from 1 to 10, for Hand and Other Fine Tooth Saws..... **$13.70**

Weight Per Dozen About 7 Pounds.
One-half Dozen in a Box

DISSTON'S TRIUMPH

Malleable Iron Frame, Hardened Tool Steel Anvil and Plunger.

Per Dozen

No. 28—Length 7 in., Polished Head, Black Handle, for Hand Saws, Back Saws, Web Saws, Narrow Band Saws, Etc., Weight Per Dozen About 9 Lbs.....**$15.55**

No. 280—Length 7 in., Polished Head, Black Handle, Fitted with **Smaller Size Setting Plunger, Making it Especially Adapted for Saws 10 to 16 Points to the Inch,** Weight Per Dozen About 8 Lbs..... **16.65**

No. 18—Length 9 in., Polished Head, Black Handle, for Small Circular Saws, Weight Per Dozen 12 Lbs..... **21 10**

Nos 28 and 280, One-half Dozen; No. 18, One-twelfth Dozen in a Box.

MORRILL'S IMPROVED

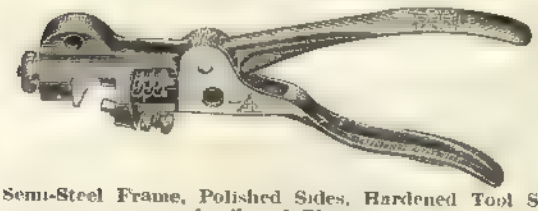
Semi-Steel Frame, Polished, Hardened Tool Steel Anvil and Plunger.

Per Dozen

No. 1—Length 6¾ in., for Hand Band and Jig Saws from the Widest Made Down to ½ in. in Width and Not Thicker than 16 Gauge... **$15 55**

Weight Per Dozen About 7 Pounds
One-half Dozen in a Box

MORRILL'S PERFECT



Semi-Steel Frame, Polished Sides, Hardened Tool Steel Anvil and Plunger.

Per Dozen

No. 4—Length 9 in., for Champion or M Tooth Cross Cut Saws, 14 to 20 Gauge.....**$22.25**

Weight Per Dozen About 15 Pounds
One-half Dozen in a Box

DISSTON'S MONARCH

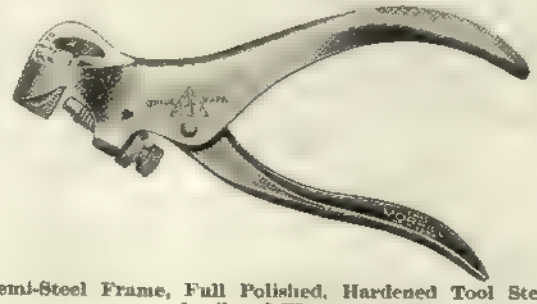
Cast Iron, Black, Hardened Steel Plunger and Anvil.

Per Dozen

No. 2—Length 6 in., Specially Adapted for Hand Saws, Cross Cut Saws, Circular Saws and All Small Saws.....**$14.45**

Weight Per Dozen About 8 Pounds
One-half Dozen in a Box.

MORRILL'S SPECIAL



Semi-Steel Frame, Full Polished, Hardened Tool Steel Anvil and Plunger.

Per Dozen

No. 96—Length 6⅛ in., for Hand Saws from Widest Made Down to ½ in. in Width and not Thicker than 16 Gauge..... **$17 25**

Weight Per Dozen About 8 Pounds

Lock Nut Gauge Screws, Revolving Anvil set at an incline, subdivided and marked with figures gives correct set to saw.

One-half Dozen in a Box.

MORRILL'S PERFECT

Semi-Steel Frame, Polished Sides, Hardened Tool Steel Anvil and Plunger.

Per Dozen

No. 3—Length 9 in. for Single Tooth Cross Cut and Small Circular Saws 14 to 20 Gauge..... **$22 25**

Weight Per Dozen About 15 Pounds
One-half Dozen in a Box.

MORRILL'S PERFECT

Semi-Steel Frame, Hardened Tool Steel Anvil and Plunger.

Per Dozen

No. 5—Length 15 in., for Board and Timber Saws, 6 to 14 Gauge.....**$33 35**

Weight Per Dozen About 42 Pounds

One-half Dozen in a Box

Vises.

HAND

No. 142Y—Forged Tool Steel, Oil Finish, Polished Jaws.

Length, Inches.....	4	4½
Width Jaw, Inches.	1⅞	1⅞
Ap. Wt. Dozen, Lbs.	8	10½
Per Dozen	$12 00	12.00
Length, Inches.....	5	5½
Width Jaw, Inches.	1⅝	1⅞
Ap Wt. Dozen, Lbs.	15	18
Per Dozen...	$14.40	18.00

One-half Dozen in a Box.

PHOENIX CLAMP

Steel Screw, Ground and Polished Jaws and Horn, Body Nicely Japanned, to Clamp to Bench. Per Dozen

No. P1½—1 in. Wide Jaw, Opens 1½ in., Weight Each 6½ Oz., without Anvil....$ 5.70

No. P1¾—1¼ in. Wide Jaw, Opens 1⅝ in., Weight Each 10 Oz., with Anvil..... 7 20

No. P2¾—1⅝ in. Wide Jaw, Opens 2 in., Weight Each 2¾ Lbs., with Anvil..... 11.60

No. P4½—2½ in. Wide Jaw, Opens 2¾ in., Weight Each 9½ Lbs., with Chilled Jaw and Anvil 27.00

Open Stock.

HAND

No. 145Y—Forged Tool Steel, Oil Finish, Polished Jaws, Enameled Wood Handle.

Inches	4	4½	5
Lgth. Over All, In.	8¾	9	10½
Width Jaw, In...	1⅜	1¾	1⅝
Ap Wt. Doz., Lbs.	9	13	19
Per Dozen	$17.35	17.35	20.00

One-half Dozen in a Box.

PHOENIX ANVIL

Steel Screw, Ground and Polished Jaws and Horn, Body Nicely Japanned, to Screw to Bench.

Per Dozen

No. P2¼—1¾ in. Wide Jaw, Open 2 in., Weight Each 2½ Lbs., with Anvil.....$ 7.10

No. P4—2½ in. Wide Jaw, Open 2⅝ in., Weight Each 9 Lbs., with Chilled Jaw and Anvil 22 80

Open Stock

HAND

Forged and Tempered Steel Jaws, Steel Screw, Polished and Nickel Plated, Detachable Wood Handle.

Per Dozen

No. 200—Length 6¾ in., Width of Jaw 1¼ in, Jaws Open 1⅜ in., Weight Per Dozen About 13 Lbs.....$35.75

The Detachable Handle with Screw Cap contains Chisel, Screw Driver, Countersink, Square Reamer, Brad Awl, Scratch Awl and Washer Cutter

One-twelfth Dozen in a Box

PHOENIX SWIVEL BASE

Steel Screw, Chilled and Hardened Jaws and Anvil, Slotted Base, Fastens to Bench by a Bolt and Wing Nut, Japanned Body.

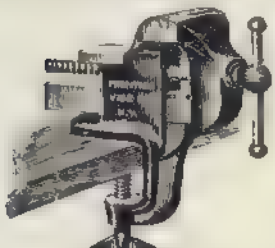
Per Dozen

No. 10—3 in. Wide Jaws, Opens 3½ in., Weight Each 11 Lbs. $35.45

Adapted to the use of Farmers and Amateur Mechanics.

Open Stock.

SHEPARD TABLE CLAMP



Nos. 152 and 154

Wrought Steel Sliding Bars, Screws and Levers, Hardened and Checked Jaws, Polished Anvil. Each

No. 152—1½ in. Wide Jaws, Opens 1½ in., Wt 1½ Lbs. 80 40

No. 154—2 in Wide Jaws, Opens 2 in., Wt. 3 Lbs.. 1.00

SHEPARD LARGE CLAMP

Wrought Steel Sliding Bar, Screw and Levers, Hardened and Checked Jaws, Polished, with Extra Seat on Base. Each

No. 156—2¾ in. Wide Jaws, Opens 3½ in , Wt. 9 Lbs....$2 15

The Extra Base is screwed to the bench, vise is then placed on it and thumb screw tightened The depression in the base fits vise perfectly and the latter is held in place rigidly.

No. 156

BONNEY'S

Cast Iron, Black Enameled, Iron Jaws, Semi-Steel Screws, Cut Threads. Per Dozen

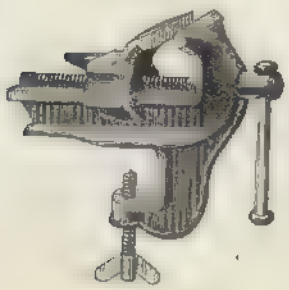
No. B1 —1½ in. Jaws, Opens 2¼ in., Ap Weight Per Dozen 15 Lbs..$5 00

No. B1½—1¾ in. Jaws, Opens 2¼ in., Ap. Weight Per Dozen 18 Lbs.. 6.70

No. B2 —2 in. Jaws, Opens 2½ in., Ap. Weight Per Dozen 21 Lbs.. 8.70

Made for General Household and Family Use. Open Stock

BONNEY'S



Nos. B1 to B2

BONNEY'S ASSORTMENT Per Set

No. 2B—Contains 12 Bonney Vises as Enumerated Below, with Sample Stand. Weight Per Assortment Packed About 60 Lbs..... $14 70

Contents of Assortment:

3 No. 1—Bonney Vises, 1½ in. Jaw, Weight Each 1¼ Lbs

4 No. 2—Bonney Vises, 2 in. Jaw, Weight Each 1⅝ Lbs

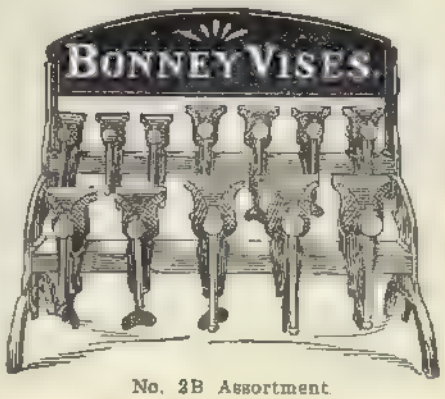
2 No. 3—Bonney Vises, 2¼ in. Steel Jaws, with Swivel Jaw Weight Each 2¾ Lbs.

2 No. 4—Bonney Vises, 2¾ in Iron Jaw, Weight Each 4½ Lbs

1 No. 7—Bonney Vise, 3¾ in Steel Jaw, with Swival Jaw, Weight Each 4½ Lbs.

One Set in a Box

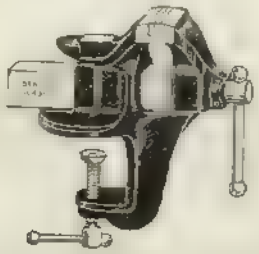
BONNEY'S



No. 2B Assortment

Jersey Vises.

STANLEY



Clamp Base, Hardened Tool Steel Jaws, Japanned.

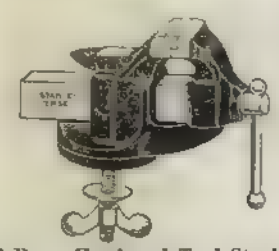
Nos.	662	663	664	665
Jaws, Inches..	1¾	2	2¼	2½
Wt. Each, Lbs.	3½	4½	6	9¼
Each	$2 12	2 60	3.15	4 00

One in a Box.

Stationary Base, Hardened Tool Steel Jaws, Japanned.

Nos.	652	655
Jaws, Inches	1¾	2½
Weight Each, Lbs.	3¼	8
Each	$1 80	3.55

One in a Box



Swivel Base, Hardened Tool Steel Jaws, Japanned.

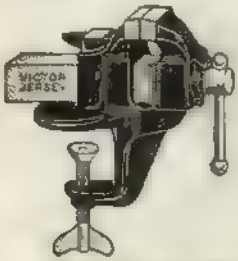
No.	675
Jaws, Inches	2½
Weight Each, Lbs.	9¼
Each	$4 45

One in a Box

Stanley "Jersey" Vises are made especially for Jewelers and makers of small tools. They are strong and substantial. Only the best materials are employed in their construction, great care being taken to see that all parts fit accurately.

The Screw (body head and collar) is turned from one piece of cold rolled steel, and has a square, lathe-cut thread The Jaws are steel faced, hardened, and are ground to insure that they meet squarely when tightened Both back and front jaws are filed to a fit

VICTOR



Clamp Base, Plain Iron Jaws.

Nos.	741	742	743
Jaws, Inches	1½	1¾	2
Wt. Each, Lbs.	3	3½	3½
Each	$1 00	1 30	1.55

Nos.	744	745	746
Jaws, Inches	2¼	2½	3
Wt. Each, Lbs.	4	5	8¾
Each	$2 00	2 35	3 20

One in a Package

Clamp Base, Hardened Tool Steel Jaws.

Nos.	761	762	763
Jaws, Inches	1½	1¾	2
Wt. Each, Lbs.	3	3¼	3½
Each	$1.35	1.70	2.00

Nos.	764	765	766
Jaws, Inches	2¼	2½	3
Wt. Each, Lbs.	4	5	8¾
Each	$2 35	2 80	3.80

One in a Package.

Swivel Base, Hardened Tool Steel Jaws.

Nos.	772	773	774
Jaws, Inches	1¾	2	2¼
Wt. Each, Lbs.	3	3½	4½
Each	$1 70	2.00	2 55

Nos.		775	776
Jaws, Inches		2½	3
Wt. Each, Lbs.		5½	9½
Each		$3.15	4.20

One in a Package.

Victor "Jersey" Vises, while not having quite as fine a finish as the Stanley lines are strong, serviceable tools, and have long been popular with both Mechanics and Amateurs. The Screw (body, head and collar) is in one piece, turned from cold rolled steel, and has a square, lathe-cut thread The steel jaws are hardened, and all jaws are ground to insure that they meet squarely when tightened. Both back and front jaws are filed to a fit

Vise Assortments.

VICTOR "JERSEY"

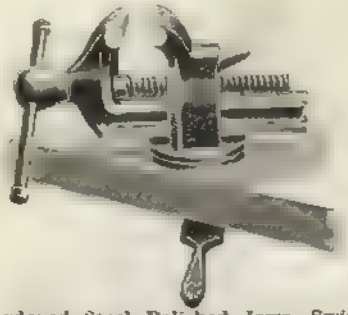
Cast Iron Standards, Black Painted, Maple Ring and Base Board.
Per Assortment

No. 12 Assortment—Consists of Two Each Nos. 741, 742 and 743. One Each Nos 744, 745, 746, 761, 763 and 772 Japanned Victor "Jersey" Vises and Attractive Display Stand, Weight Complete 64 Lbs $20 00

One Assortment in a Box

Farmer Vises.

BONNEY'S



Hardened Steel Polished Jaws, Swivel Base, Polished Anvil, Maroon Enameled.

Nos.	300	400
Size of Jaw, Inches	3	4
Jaws Open, Inches	4	5
Ap Wt Each, Lbs.	16	26¼
Each	$5 60	7 80

Open Stock

Oval Slide Vises.

Steel Faced Jaws, Japanned.

Nos.	0800	080	081	082
Size Jaw, In.	2½	2¾	3	3½
Jaws Open, In.	3	3¾	4	4¾
Wt Each, Lbs.	5	7	10½	19
Each	$1.75	1.90	2 25	3 85

Nos.	083	084	085
Size Jaw, In.	4½	4½	5
Jaws Open, In.	4¾	5½	6½
Wt Each, Lbs.	27	40	56
Each	$4 25	5 60	7 25

Open Stock.

Vises.

SIMPSON'S

Clamp Bottom, Smooth Face, Tempered Steel Jaws, Quick Acting, for Jewelers and Artisans.

Nos.	S0	S2
Size of Jaw, Inches..	1⅛	2⅛
Jaws, Open, Inches..	1⅛	2
Ap. Wt Each, Lbs...	1½	5¾
Each	$1.70	3 70

Open Stock.

Swivel Bottom, Smooth Face, Tempered Steel Jaws, Quick Acting, for Jewelers and Artisans.

No.	S10
Size of Jaw, Inches	2½
Jaws Open, Inches	2
Ap. Weight Each, Lbs.	6¼
Each	$4.70

Open Stock.

No. 62.

Clamp Bottom, Smooth-Faced, Tempered Steel Jaws, for Amateurs.

Nos.	S60	S62
Size of Jaw, Inches...	1½	2
Jaws Open, Inches...	1¾	2¼
Ap. Wt. Each, Lbs...	1¾	3¼
Each	$0.90	1.80

No. 62 has Steel Swivel Jaw Attachment as shown in Cut.

Open Stock.

Bolt Bottom, Check Faced, Tempered Steel Jaws, for Farmers and Others Who Want a Cheap Strong Vise.

Nos.	S70	S71
Size of Jaw, Inches..	3½	4
Jaws Open, Inches...	4	5
Ap. Wt. Each, Lbs...	12	22
Each	$3.50	5.50

Open Stock

Stationary Bottom, Check Faced Tempered Steel Jaws, Quick Acting, for Machinists.

Nos.	S29	S30	S31
Jaws, Inches	3	3½	4
Open, Inches	3¾	4	5
Wt. Each, Lbs.	15½	26	37
Each	$7.35	9.35	11.35

Nos.	S32	S33
Jaws, Inches	4½	5
Open, Inches	5¾	6½
Wt. Each, Lbs.	49	64
Each	$13.35	17.35

Open Stock

Swivel Bottom, Check Faced, Tempered Steel Jaws, Quick Acting, for Machinists.

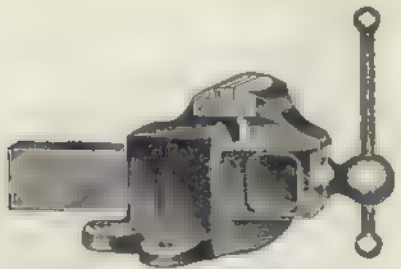
Nos.	S11	S12	S13
Jaws, Inches	2½	3	3½
Open, Inches	2¾	3¼	4
Wt Each, Lbs..	9½	17½	28
Each	$6.70	9.35	11.70

Open Stock.

Nos S29 to S13 Vises are operated in the same manner as an ordinary Screw Vise, or they can be instantly opened or closed the full length by a single movement of the hand without the use of the Screw, the Screw being used merely to give the grip after adjusting the Jaws to the work, thus combining a quick adjustment with all the advantages of the best Screw Vise.

By slightly raising the front jaw, the Screw and Nut are disengaged; the Jaw can be moved in or out as may be required to adjust it to its work, and on removing the hand it instantly drops into place, the screw and nut again become engaged, and a single turn of the screw gives the required grip.

STANDARD



Stationary Bottom, Parallel Solid Jaws, for Machinists.

Nos.	500	510	520	530	540	550	560
Size of Jaws, In.	3½	4	4½	5	5½	6	6½
Jaws, Open, In.	4½	5½	6½	7	8	9½	10½
Wt. Each, Lbs.	24	30	45	56	74	104	137
Each	$5 40	6 30	7 65	9.00	11.70	16.65	22.50

Open Stock.

Swivel Bottom, Parallel Solid Jaws, for Machinists.

Nos.	900	910	920	930	940	950	960
Size of Jaws, In.	3½	4	4½	5	5½	6	6½
Jaws, Open, In.	4½	5½	6½	7	8	9½	10½
Wt. Each, Lbs.	28	38	52	65	90	117	158
Each	$6.75	7.90	9.45	11.25	14 40	19.80	27.00

Open Stock.

Vises.

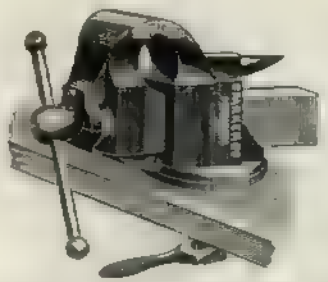
PARKER'S

Stationary Bottom, Semi-Steel Body, Japanned, Polished Milled Steel Faced Jaws, Polished Slide and Screw Head

Nos.	3-0X	1X	2X	3X
Jaws, In.	3¼	3⅝	4¼	5¼
Open, In.	4¾	5½	6½	8¼
Wt Ea. Lbs.	29	45	58	73
Each	$11.10	12 45	16 00	20.90

Swivel Bottom, Semi-Steel Body, Japanned, Polished Milled Steel Faced Jaws, Polished Slide and Screw Head.

Nos.	21X	22X	23X
Jaws, Inches	3¼	3¾	4¼
Open, Inches	4¾	5½	6½
Wt. Each, Lbs.	33	52	69
Each	$12 45	15.60	19 60



Swivel Bottom, Semi-Steel Body, with Cast Steel Anvil, Japanned, Milled Steel Faced Jaws, Polished Slide and Screw Head

Nos.	P19	P20
Jaws, Inches	2	2¼
Open, Inches	2¼	2¾
Wt Each, Lbs	8	8½
Each	$7 10	8 90

PARKER'S MACHINISTS'

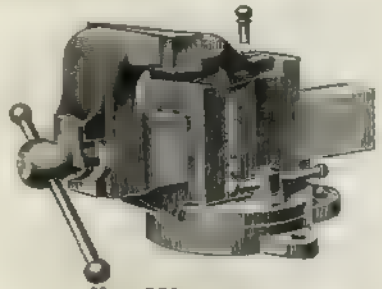
Semi-Steel Body, Japanned, Self-Adjusting Back Jaws, which Automatically Adapt Themselves for Holding Wedge-Shaped Pieces. Reinforced Slide, Solid Steel Bar, Polished Jaws, Slide and Screw Head.

Nos. 370 to 375.

Stationary Bottom.

Nos.	370	371	371½	372
Jaws, Inches	3¼	3⅝	4	4½
Open, Inches	3⅝	5	5	6
Wt. Each, Lbs.	25	40	43	59
Each	$11.60	12 50	16 00	17.80

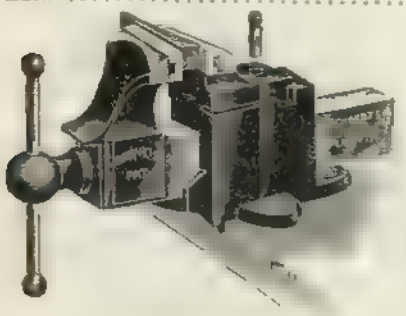
Nos.	373	374	375
Jaws, Inches	5	5½	6¼
Open, Inches	7	9	9¾
Wt. Each, Lbs.	73	98	150
Each	$24.90	30 20	42.70



Nos. 370 to 375.

Swivel Bottom.

Nos.	270	271	271½	272	273	274	275
Jaws, Inches	3¼	3⅝	4	4½	5	5½	6¼
Open, Inches	3⅝	5	5	6	7	9	9¾
Weight Each, Lbs.	32	49	54	69	86	117	170
Each	$12.50	15.10	18.65	22.25	28 50	33.75	48 00



Nos. PM1 to PM6.

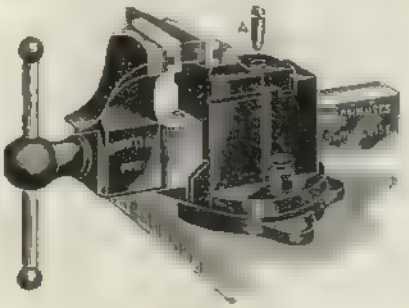
PRENTISS' MACHINISTS'

Cast Iron Body, Japanned, Polished Jaws and Slide Bar, Steel Faced Jaws, Self-Adjusting Back Jaw.

Stationary Bottom.

Nos.	PM1	PM2	PM3
Jaws, Inches	2⅝	3½	4½
Open, Inches	3½	4¾	6
Wt. Each, Lbs.	13½	28	54
Each	$9.20	11 70	17 50

Nos.	PM4	PM5	PM6
Jaws, Inches	5¼	6	7
Open, Inches	8	9	11
Wt Each, Lbs.	96	146	184
Each	$28.35	40.00	50.00



Nos. PM18 to PM23

Swivel Bottom.

Nos.	PM18	PM19	PM19½	PM20	PM21	PM22	PM23
Jaws, Inches	2⅝	3½	4	4½	5¼	6	7
Open, Inches	3½	4¾	5¼	6	8	9	11
Weight Each Lbs	17	32	46	65	109	168	297
Each	$11.25	14.20	17 50	20 85	31 70	45 00	58 35

PRENTISS' FILERS' OR FINISHERS'

Cast Iron Body, Japanned, with Lean High Jaws, Long Arm and Large Throat, Polished Jaws and Slide Bar, Steel Faced Jaws, Self-Adjusting Back Jaw.

Stationary Bottom.

Each

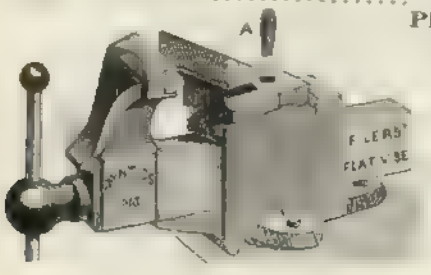
No. PF42—4¼ in. Jaws, Opens 5¼ in., Weight Each 42 Lbs. $13.35

Swivel Bottom.

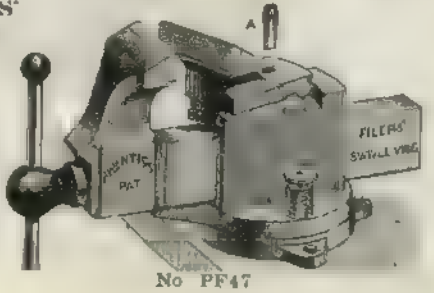
Each

No. PF47—4¼ in. Jaws, Opens 5¼ in., Weight Each 47 Lbs. $16.70

Open Stock.



No. PF42.



No PF47

Vises.

MASSEY "CLINCHER" MACHINISTS'

Cast Iron Body, File Cut Steel Jaws, Stationary Bottom.

Nos.	M30	M31	M32	M33
Jaws, Inches	3¼	3⅝	4⅛	4⅝
Open, Inches	4	5	5½	6¼
Weight Each, Lbs.	22	29	40	55
Each	$6 70	7.80	9.45	11.10
Nos.	**M34**	**M35**	**M36**	**M37**
Jaws, Inches	5	5⅝	6	7
Open, Inches	7	8½	9½	11
Weight Each, Lbs.	70	100	135	185
Each	$14 45	19.45	27.80	38.85

Cast Iron Body, File Cut Steel Jaws, Swivel Bottom.

Nos.	M130	M131	M132	M133
Jaws, Inches	3¼	3⅝	4¼	4⅝
Open, Inches	4	5	5½	6¼
Weight Each, Lbs.	28	36	52	74
Each	$8.35	9.75	11.65	13 90
Nos.	**M134**	**M135**	**M136**	**M137**
Jaws, Inches	5	5⅝	6	7
Open, Inches	7	8½	9½	11
Weight Each, Lbs.	85	115	160	205
Each	$17 80	23 35	33.35	44.50

The Jaws of the Massey Clincher Vises are file cut in order to hold the work between them more firmly. These Vises are built to withstand rough usage and are reinforced at points of greatest strains Each Vise undergoes a rigid inspection before leaving factory

MASSEY'S PERFECT MACHINISTS'

Cast Iron Body, Quick Acting Screw, File Cut Steel Jaws.

	Stationary Bottom.					Swivel Bottom.				
Nos.	M0	M1	M2	M3	M4	M0S	M1S	M2S	M3S	M4S
Size of Jaws, In.	3⅝	4½	5	5½	6¼	3⅝	4½	5	5½	6¼
Jaws Open, In.	4½	5½	6	8	9	4½	5½	6	8	9
Wt. Each, Lbs.	32	42	70	109	140	40	50	78	118	150
Each	$13 90	16 90	20 45	31 10	40 90	$15 60	18 65	22 25	34 65	44.50

The Nut of the Perfect Vise is instantly disengaged from the Screw by compressing the Trigger against the Screw Head This allows an immediate adjustment to the work By releasing the Trigger the Nut is forced into engagement with the Screw and a quarter turn of the handle fastens the work firmly between the Jaws

The Nut and the Screw have an undercut thread and the greater the pressure on the Screw the more tightly they engage.

Open Stock

MASSEY'S WOODWORKERS'

Lightning Grip, Quick Acting, Iron Frame and Jaws, Steel Rod with Milled Teeth. Each

No. M10—7 in. Wide Jaws, Opens 7 in., Weight Each 19 Lbs. ..... $ 7.15

No. M17—9 in. Wide Jaws, Opens 12 in., Weight Each 47 Lbs. 10 65

Three pieces of wood, 2 in., 6 in. and 12 in. can be fastened between the jaws in 10 seconds A quarter turn of the handle at any desired opening gives a certain positive grip.

Open Stock.

YOST COACHMAKERS'

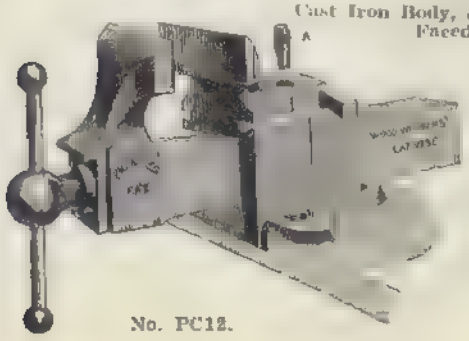
Cast Iron Body, Smooth Steel Solid Jaws, Especially Designed for Wood Workers, Carriage Builders and Carpenters. Each

No. 502—4½ in. Jaw, Opens 9 in., Weight Each 47 Lbs. $11 10

Open Stock

PRENTISS' COACHMAKERS'

Cast Iron Body, Japanned, Polished Jaws and Slide Bar, Steel Faced Jaws, Self-Adjusting Back Jaw.



No. PC12.

Stationary Bottom. Each

No. PC12—3½ in. Jaw Opens 7 in., Weight Each 30 Lbs $13.35

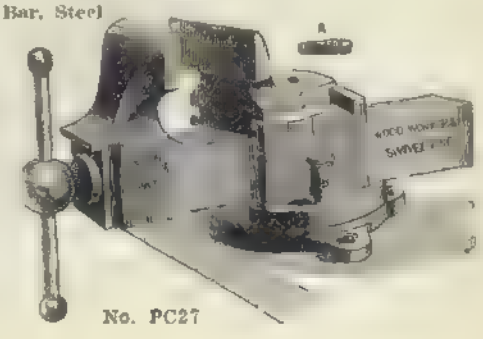
No. PC10—4½ in. Jaw Opens 9½ in., Weight Each 59 Lbs. 18 35

Swivel Bottom Each

No. PC27—3½ in. Jaw, Opens 7 in., Weight Each 34 Lbs. $15 85

No. PC26—4½ in. Jaw, Opens 9½ in., Weight Each 67 Lbs. 21.65

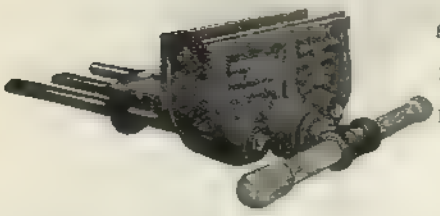
Open Stock.



No. PC27

Vises.

ABERNATHY RAPID ACTING WOOD WORKER VISES



No. 30.

Tip Top Clutch Vises, with ⅞ in. Round Steel Slides.

Standard Cabinet and Patternmaker's Size.

	Each
No. 30—10 in. Jaws, 4 in. Deep, Opens 9 in., Weight Each 31 Lbs.	$8.00
No. 30D—10 in. Jaws, 4 in. Deep, Opens 9 in., with Adjustable Dog, Weight Each 31 Lbs.	8 70

Manual Training School Special.

	Each
No. 20—10 in. Jaws, 3 in. Deep, Opens 9 in., Weight Each 28 Lbs.	$6 70
No. 20D—10 in. Jaws, 3 in. Deep, Opens 9 in., with Adjustable Dog, Weight Each 28 Lbs.	7.35

Open Stock

No. 20D

ROLLER NUT VISES

No. 80.

Rapid Acting, Continuous Screw

Standard Cabinet and Patternmaker's Size.

	Each
No. 80—10 in Jaws, 4 in. Deep, Opens 12 in., Weight Each 35 Lbs.	$8.70
No. 80D—10 in. Jaws, 4 in. Deep, Opens 12 in., with Adjustable Dog, Weight Each 35 Lbs.	9 35

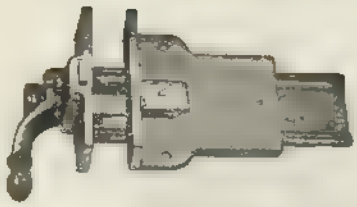
For Manual Training School, Home Shop and Tail Vise Equipments.

	Each
No 70—7 in. Jaws, 4 in. Deep, Opens 9 in., Weight Each 26 Lbs.	$7.35
No. 70D—7 in. Jaws, 4 in. Deep, Opens 9 in., with Adjustable Dog, Weight Each 36 Lbs.	8.00

Open Stock

No. 70D

SHELDON'S RAPID ACTING WOOD WORKER VISES



No. 3

Iron Frame, Forged Steel Rack Accurately Milled, Milled Teeth, Malleable Cam and Handle.

	Each
No. 3—7½ in. Jaws, 3 in. Deep, Opens 8½ in., Weight Each 27 Lbs., with Steel Dog in Outer Jaw	$6 70
No. 4—7½ in. Jaws, 3 in. Deep, Opens 9 in., Weight Each 25 Lbs.	6 30
No. 5—8 in. Jaws, 3½ in Deep Opens 12 in. Weight Each 30 Lbs	8 00

Open Stock

Nos 4 and 5

MASSEY'S PARALLEL BAR WOOD WORKERS' VISES

Cut Shows Lightning Grip

Lightning Grip, Quick Acting, Iron Frame and Jaws, Steel Rack with Milled Teeth.

	Each
No. 23—8 in Wide Jaws, Opens 8 in., Weight Each 31 Lbs.	$ 8.35
No. 24—10 in Wide Jaws, Opens 12 in., Weight Each 39 Lbs.	10.00

Lightning Grip, Quick Acting, Iron Frame and Jaws, Steel Rack with Milled Teeth, Stop in Front Jaw.

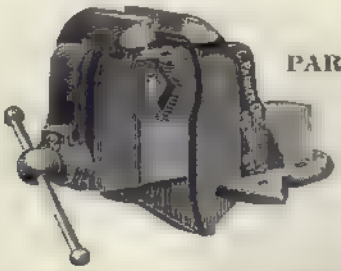
	Each
No. 23A—8 in. Wide Jaws, Opens 8 in., Weight Each 32 Lbs.	$ 9.60
No. 24A 10 in Wide Jaws, Opens 12 in Weight Each 40 Lbs.	11 25

The sliding bars of this vise are supported at their ends by a carrier which slides on the ways of the stationary jaw This construction keeps the jaws parallel and prevents lost motion laterally.

Open Stock.

Vises.

PARKER'S COMBINATION PIPE



Semi-Steel Castings, Japanned, Polished Renewable Milled Steel Faces Fitted to Jaws, Round and Pipe Jaws, Polished Slide and Screw Head

Stationary Bottom.

Nos.	88½	89½
Size of Jaws, Inches	4¾	5¾
Holds Pipe up to, Inches	4	6
Jaws Open, Inches	6½	9½
Weight Each, Lbs	94	141
Each	$28 00	35.00

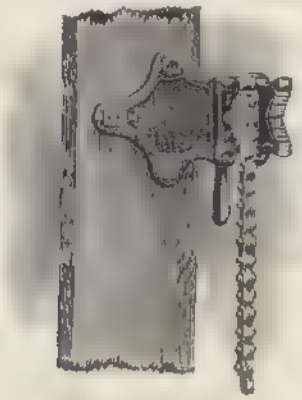
Open Stock

Semi-Steel Castings, Japanned Polished Renewable Milled Steel Faces Fitted to Jaws, Round and Pipe Jaws, Reinforced Solid Steel Slide Bar, Polished Slide and Screw Head. Patent Expansion Ring Swivel Operated from Side of Vise.

Swivel Bottom.

Nos.	87X	88X
Size of Jaws, Inches	3¾	4½
Holds Pipe up to, Inches	3	5
Jaws Open, Inches	4¾	6
Weight Each, Lbs	41	59
Each	$16.00	20.00

Open Stock.



Cut Showing Vise Applied to a Post

VULCAN CHAIN PIPE

Wrought Steel, Drop Forged Saw Tempered Jaws, Hand Made Vulcan Chain Pipe Wrench Chains, All Parts are Interchangeable and Warranted.

Nos.	V1	V2	V4
For Pipe, Inches	⅛ to 2	¼ to 4	⅜ to 8
Size When Folded, Inches	4x5x6	6x8x8	8x10x12
Weight Each, Lbs	4	10	30
Each	$4.70	8.70	24.00

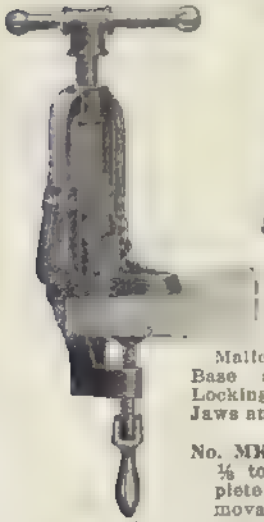
These Vises are unbreakable, compact, rapid in action and positive in gripping pipe. All are equally serviceable and suitable for fastening to bench or post. The smaller sizes are well adapted for carrying by hand or in tool bag.

Adjustment is quickly effected by slightly turning the screw, and further quick adjustment is gained by engaging the projecting rivets of chain with a series of bosses on base.

Open Stock.

Cut Showing Vise Applied to a Bench

MARK KIT PIPE



Vise with Attachment

Vise without Attachment.

Malleable Iron Yoke, Base and Slide, Self Locking Latch, Steel Jaws and Screw, Polished.

Each

No. MK1—Capacity ⅛ to 2 in., Complete with Removable Attachment, Weight Each 7¾ Lbs $2.80

No. MK2—Capacity ⅛ to 2 in., without Attachment, Weight Each 6 Lbs 2.25

This Vise is particularly handy for threading pump rod in the field, as it can be attached in a few moments to the tail board of a wagon.

Open Stock.

ARMSTRONG JUNIOR PIPE

Hinged Malleable Iron Frame, Interchangeable Hardened Steel Jaws, Machinery Steel Screw.

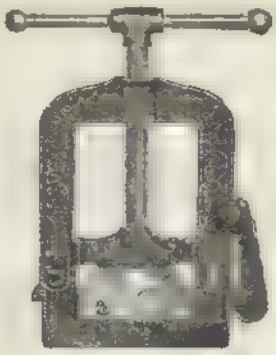
Each

No. A100—Capacity ⅛ to 1¼ in., Weight Each 3 Lbs. $1.55

This Vise is light and handy for Steam and Gas Fitters, Automobile and Electricians use.

Open Stock.

PRENTISS' MAGIC PIPE

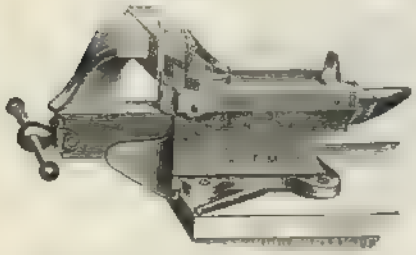


Hinged Malleable Iron Frame, Steel Screw and Handle, Milled and Tempered Steel Jaws.

Nos.	111	112	113
Holds Pipe	⅛ to 2½	⅛ to 3½	¼ to 4½
Wt Ea., Lbs.	9	15	19
Each	$2 70	4.00	6 25

Open Stock.

CHENEY Combination Vises and Anvils.



Car Wheel Iron Body, Chilled Hard and Smooth Face, Tempered Steel Faced Jaws, Adjustable Solid Wrought Iron Screws, Square Thread. Each Vise and Anvil Furnished with a Solid Steel Hardy

Nos.	C10	C20
Jaws, Inches	2½	3½
Open, Inches	3	4
Face of Anvil, In.	4½x2	6½x3
Wt. Each, Lbs.	9	25
Each	$5.60	7.15
Nos.	C30	C40
Jaws, Inches	4	4½
Open, Inches	5	6
Face of Anvil, In.	8x3½	8½x4
Wt. Each, Lbs.	35	50
Each	$8 70	10.30

MASSEY

Cast Iron Body, Tool Steel Jaws, Heavy T Beam Section Draw Bar Cold Rolled Steel Handle, Highly Polished Anvil Face and Jaws.

No.	500
Width Jaw, Inches	3¾
Open, Inches	13
Weight Each Lbs	52
Each	$7.80

This Anvil and Vise is designed so that it can be used as a drill as well as a vise and anvil. The Vise holding the work to be drilled

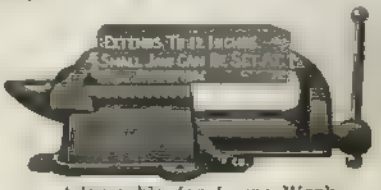
AUSTIN'S

Cast Iron Body, Head Slide and Horn Solid Steel Cut Thread Screw, Milled Pipe Grip Jaws, Steel Handle

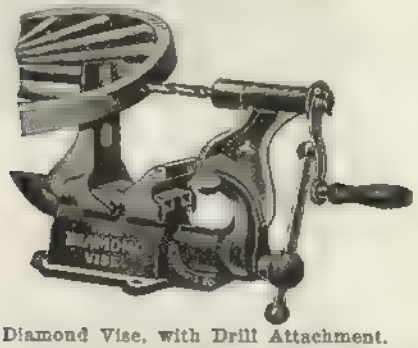
No.	43
Jaws, Inches	3
Open, Inches	6
Face of Anvil, Inches	×3
Weight Each, Lbs.	21
Each	$2 15

Open Stock

ADAMS' DIAMOND



Adjustable for Large Work



Diamond Vise, with Drill Attachment.

For Small Work.

As a Pipe Vise

Cast Iron Body, Head Slide and Horn, Checked and Hardened Steel Jaws, Steel Screw, Polished and Hardened Anvil, Painted Green, Drill Attachment will Take Drill up to ¾ in. Shank.

No. 78—4 in Jaws, Opens 12 in ¾ in Screw Holds Pipe Up to 2 in, 7x3 in. Chilled Anvil Face, Weight Each 57 Lbs, Complete without Drills **$9 35** — Each

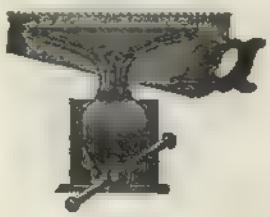
Cast Iron Body, Head, Slide and Horn, Checked and Hardened Steel Jaws, Steel Screw, Polished and Hardened Anvil, Painted Green.

No. 75—4 in. Jaws, Opens 12 in., ¾ in. Screw, Holds Pipe up to 2 in, 7x3 in Chilled Anvil Face Weight Each 42 Lbs — Each **$6 10**

These Vises are very convenient to Farmers as well as Mechanics, as they are adapted to a larger range of work than other Vises They can also be successfully be used as Pipe Vises, holding firmly any Pipe up to 2 in.
One in a Box, (Drill Attachment is Packed Separate).

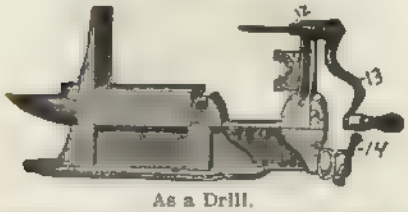
HANSON'S

As an Anvil

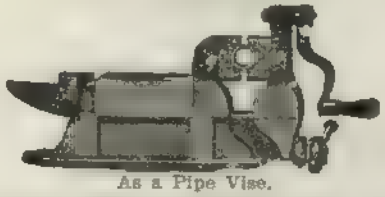


As a Saw Clamp.

As Vise and Anvil



As a Drill.



As a Pipe Vise.

Five Tools in One, Cast Iron Body, Slide and Horn, Steel Faced Jaws, Steel Screw, Chilled Anvil Face, Polished Head and Jaws.

No. 85—4 in Jaws, Opens 4 in ¾ in Screw 5⅝x3 in Anvil Face Takes ¼ to 1¾ in Pipe Complete for Five Tools as Above . . . . . Each, **$9 45**

Weight Each Complete 54 Pounds.

These Vises are very useful to Farmers, Mechanics, Sma Shops, etc They are neat, well made and will stand hard service, being made of best material. One in a Box.

Artificial Insects.

Cuts Half Size.

Pure Soft Rubber.

Per Card

No. 1 Assortment Small Size, Non-Luminous, Painted True to Nature, Assorted Insects, One Dozen on a Card $1.70

One Card in a Box.

Pure Soft Rubber.

Per Card

No. 2 Assortment—Large Size, Luminous, Painted True to Nature, Assorted Insects, One Dozen on a Card $3.35

No. 02 Assortment—Large Size, Non-Luminous, Painted True to Nature, Assorted Insects, One Dozen on a Card 2 80

One Card in a Box.

Trout Flies.

Buck-Tail.

Per Dozen

No. 300—Waterwitch, Tied with Genuine Deer Tail Hair, All White, to Nos. 6 and 8 Best English Sprout Hooks... $1.25

One-half Dozen of One Size Hook on a Perforated Card

One-half Gross in a Box

Trout Flies.

Floating.

Per Dozen

No. 600—Frost, Cork Body, Wound with Yellow Floss, Brown Hackle Legs, Jungle Cock Wings, Red Tail Feather, Tied on Nos. 6 and 8 Bronzed Pennell Turned Down Eye Hooks, Single Gut Loop $2.50

No. 601—Same as No. 600, but Wound with Green Floss.. 2.50

Dry Flies.

Per Dozen

Dry Flies—Tied on Nos. 12 and 14 Bronzed Pennell Turned Up Eye Sneck Hooks with or without Gut Attached, Mailed from Factory $1 80

Can furnish Dry Flies in the following patterns: Black Gnat, Black Quill, Cow Dung, Coachman, Green Wells Glory, Grizzly King, Halford's Red Spinner, Golden Ribbed Hare's Ear, Golden Dun, Ginger Quill, Hufland's Fancy, March Brown, White Miller and Willow

These Flies are made to closely represent the small insect found on the surface of the water. When lightly cast on not too rapidly running water, they will float naturally and results obtained are much better than with the sinkable fly.

Trout Flies.

Coaxer Floating.

Per Dozen

Coaxer—Cork Body, Tied on Nos. 7 or 10 Hollow Point Sprout Hooks....$4.50

Furnished in the Following Patterns:

No. 1—White and Red
No. 2—White and Yellow.
No. 3—All White.
No. 4—Brown and Red.
No. 5—Brown and Yellow.
No. 6—All Brown.
No. 7—Red Ibis.
No. 8—Yellow and Blue.
No. 9—Brown and Green.
No. 10—All Black.
No. 11—Yellow and Black
No. 12—Light Green & Slate.

Trout Fly Watch Charms.

Gold Plated Mountings.

Per Dozen

Trout Fly Watch Charms—Assorted Flies, One Dozen on a Card $0 15

One Card in a Box

Artificial Trout Flies.

Cut Shows Transparent Window Display Envelope.

GENUINE FROST MAKE

Every Fly is Strictly Tested.

Divided Wing.

NOTE—Can furnish Divided Wing Trout Flies on Pennell Turned Down Eyed Hooks WITHOUT SNELL, direct from factory.

Double Hook

Ostrich Head.

	Per Gross
Divided Wing Trout Flies Tied on the Very Best English Bronzed Pennell Turned Down Eye Sneck Hooks, Nos 6, 8, 10 and 12, with Snell	$16 00
Ostrich Head Trout Flies Tied on the Very Best English Bronzed Pennell Turned Down Eye Limerick Hooks, Nos. 6, 8, 10 and 12, with Snell	16.00
Double Hook Trout Flies Tied on Reinforced Gut and Double Hooks Nos. 6 8, 10 and 12, with Snell	21 35

These Flies are the best imitation of the Natural Insect ever cast in the water, are the finest obtainable every one being strictly tested and thoroughly reliable.

Divided Wing and Ostrich Head Trout Flies, One-half Dozen in a Window Display Envelope; Double Hook Trout Flies, One-half Dozen on a Card; **Do Not Break Cards or Envelopes.**

One-half Gross in a Box.

NOTE—The Ostrich Head and Double Hook Flies are not carried in Stock, but will be mailed direct from Factory.

DESCRIPTION OF FLIES

No. 98—Carter Harrison, Black Silk Body, Wound with Silver Cord, Tail of Red Ibis, Black Hackle Legs, Mottled Teal Wings.

No. 99—Alder, Peacock Body, Gold Tinsel Tag, Black Hackle Legs, Wild Turkey Wings.

No. 100—Beaver Kill, White Silk Body, Brown Hackle Legs, Duck Tail, Lead Color Wings.

No. 101—Beauty, Gray Silk Body, Wound with Silver Tinsel, Guinea Tail Hackle and Wings.

No. 102—Bee, Yellow Chenille Body with Black Band of Silk in Center Brown Hackle Legs Lead Color Wings.

No. 103—Blue Bottle, Bright Blue Body, Black Hackle Legs, Gray Wings.

No. 104—Black Gnat, Black Ostrich Body Brown Hackle Legs, Black Wings.

No. 105—Black Hackle, Peacock Body, Gold Tinsel Tag, Black Hackle Legs.

No. 106—Brown Hackle, Brown Body, Gold Tinsel Tag, Brown Hackle Legs.

No. 107—Captain, White Silk Body, Tipped with Peacock, Brown Hackle Legs, Red and Duck Tail, Lead Color Wings.

No. 108—Blue Upright, Gray Quill Body, Ashy Hackle, Ashy Hackle Tail, Lead Color Wings.

No. 109—Cahill, Gray Wool Body Gold Tinsel Tag, Brown Hackle Legs, Wings and Tail of the Lemon Colored Woodduck.

No. 110—De Mille, Light Tan Wool Body, Gold Tinsel Tag, Tan Hackle and Wings.

No. 111—Evening Dun, Light Yellow Silk Body, Gold Tinsel Tag Olive Hackle Legs, Olive Colored Tail, Lead Colored Wings.

No. 112—Coachman, Peacock Hurl Body Brown Hackle Legs, White Wings.

No. 113—Cow Dung, Orange Mohair Body, Ginger Hackle Legs, Lead Color Wings.

No. 114—Ginger Quill, Gray Quill Body Brown Hackle, Brown Hackle Tail Lead Color Wings.

No. 115—Golden Dun, Gold Tinsel Body, Brown Hackle Legs, Lead Colored Wings.

No. 116—Golden Monkey, Olive Silk Body Wound with Gold Tinsel Guinea Tail and Hackle Wings.

No. 117—Gray Hackle, Peacock Body Gold Tinsel Tag, Gray Hackle.

No. 118—Grizzly King, Green Body Ribbed with Gold Tinsel and Tinsel Tag, Furnace Gray Hackle Legs, Red Tail, Gray Mallard Wings.

No. 119—Badcock, Gold Tinsel Body Orange Hackle Black Tail, Brown Mallard Wings.

No. 120—Hare's Ear, Gray Fur Body, Brown Mallard Tail, Dark Turkey Feather Wings.

No. 121—Ibis, Red Body, Ribbed with Gold Tinsel and Tinsel Tag Red Hackle Legs, Red Tail and Wings.

No. 122—Jungle Cock, Silver Tinsel Body, Black Hackle Legs, Jungle Cock Wings.

No. 123—Jenny Lind, Yellow Silk Body, Ribbed with Gold Tinsel, Red Hackle Blue Tail and Wings.

No. 124—March Brown, Dark Brown Silk Body, Ribbed with Yellow Silk, Brown Furnace Hackle, Dark Turkey Tail and Wings.

No. 125—Montreal, Red Mohair Body, Ribbed with Gold Tinsel, Dark Red Hackle Legs, Red Tail, Dark Turkey Wings.

No. 126—McGinty, Body Ribbed with Black and Yellow Chenille, Brown Hackle, Red and Gray Mallard Feathered Tail, Black Wings, White Tipped.

No. 127—Professor, Yellow Body, Ribbed with Gold Brown Hackle Legs Scarlet Ibis Tail, Gray Mallard Wings.

No. 128—Queen of Waters, Orange Body, Brown Hackle Legs, Wound Down the Whole Length, Gray Mallard Wings.

No. 129—Red Spinner, Red Body Wrapped with Gold Tinsel, Brown Hackle Legs and Tail, Dung Color Wings.

No. 130—Raven, Black Chenille Body, Black Hackle Tail and Wings.

No. 131—Seth Green, Green Floss Silk Body Wound with Gold Tinsel, Brown Hackle Legs, Red Tail, Mottled Turkey Wings.

No. 132—Silver Doctor, Silver Tinsel Body, Ribbed with Red Silk Mixed Red, Yellow and Blue Feathered Tail, Blue Hackle Mixed Wings of Turkey, Gray Mallard, Red, Yellow and Blue Feathers.

No. 133—Yellow May, Yellow Floss Silk Body, Yellow Hackle Legs, Yellow Tail and Wings.

No. 134—Silver Blue Uprights, Silver Tinsel Body, Ashy Hackle, Ashy Hackle Tail, Lead Color Wings.

No. 135—Katydid, Green Silk Body Wound with Gold Tinsel, Green Feather Tail, Green Hackle, Legs and Wing.

No. 136—Magpie, Red Silk Body Wound with Gold Cord, Brown Hackle Legs and Tail, Black Wings with White Tip.

No. 137—Silver Sedge, White Silk Body. Wound with Brown Hackle, Brown Hackle Legs, Brown Wings.

No. 138—Mosquito, Gray Wool Body Wound with Tan Colored Twist, English Partridge Hackle, Spotted Turkey Tail and Wings.

No. 139—Oak Fly, Dark Orange Silk Body Wound with Black Twist, Brown Furnace Hackle, Woodcock Wings.

No. 140—Olive Dun, Olive Silk Body, Gold Tinsel Tag, Olive Hackle Legs, Olive Colored Tail and Wings.

No. 141—Royal Coachman, Peacock Body with Red Band of Silk in Center, Brown Hackle Legs, Barred Wood Duck Tail, White Wings.

No. 142—Sand Fly, Dark Tan Wool Body, Gold Tinsel Tag, Brown Hackle Legs, Brown Wings.

No. 143—Stone, Gray Wool Body, Wound with Yellow Twist Olive Colored Hackle Legs and Tail, English Partridge Wings.

No. 144—Swift Water, Peacock Body Gold Tinsel Tag Brown Hackle Legs, Yellow Tail, Wings from the Teal Duck.

No. 145—Silver Monkey, Silver Tinsel Body, Guinea Hackle Legs, Tail and Wing.

No. 146—Trude, Red Wool Body Wound with Silver Tinsel, Brown Hackle Legs, Fox Squirrel Tail Wing.

No. 167—Willow, Gray Fur Body, Gray Hackle Legs, Gray Wings.

No. 168—White Miller, White Body, Ribbed with Silver Tinsel, White Hackle Legs, White Wings.

No. 169—Wickham's Fancy, Gold Tinsel Body, Wound with Brown Hackle, Brown Hackle Legs and Tail, Lead Color Wings.

No. 170—Parmachenee Belle, Yellow Body, Silk Wound with Gold Tinsel, Red and White Hackle Legs, Red and White Mixed Tail and Wings.

NOTE—We are prepared to execute orders for Special Flies, tied to Special Hooks or Copy any Sample submitted to our care on very short notice and guarantee entire satisfaction.

Artificial Trout Flies.

GENUINE FROST MAKE

Every Fly is Strictly Tested.

Cut Shows Transparent Window Envelope used on D Grade

No. 4.

No. 6.

No. 8.

No. 10.

"A" and "D" Quality Trout Flies.

Per Gross

No. "A" Standard Quality Wool Body, Well Tied on Best English Bronzed Spear Point Sprout Hooks, Nos. 4, 6, 8, 10 and 12, with Snell.....$5.25

No. "D" Waterwitch Quality Fine Silk Body, Extra Well Tied on Best English Bronzed File Point Sprout Hooks. Nos. 4, 6, 8, 10 and 12 with Snell.....8.00

No D, One-half Dozen Flies of a Pattern on One Size Hook in Window Display Envelope; No. A, One-half Dozen on a Perforated Card; **Do Not Break Cards or Envelopes.**

One Gross in a Box.

NOTE—Can furnish "A" and "D" Grade Trout Flies WITHOUT SNELLS on RINGED EYE Sprout or Sneck Hooks direct from Factory.

DESCRIPTION OF FLIES

No. 11—**Black Gnat,** Black Ostrich Body, Brown Hackle Legs, Black Wings.

No. 12—Coachman, Peacock Hurl Body, Brown Hackle Legs, White Wings.

No. 13—**Cow Dung,** Orange Mohair Body, Ginger Hackle Legs, Lead Color Wings.

No. 14—**Cinnamon,** Orange Silk Body, Ribbed with Yellow Tinsel, Brown Hackle Legs, Cinnamon Colored Tail and Wings.

No. 15—**Gray Drake,** White Body, Wound with Black Silk, Furnace Gray Hackle Legs Gray Mallard Tail and Wings.

No. 16—**Green Drake,** Yellow Silk Body, Wound with Black Silk, Tail Three Black Fitch Hairs, Brown Hackle Legs, Gray Mallard Wings Dyed Yellowish

No. 17—**Brown Drake,** Red Body, Wrapped with Gold Tinsel, Brown Hackle Legs, Turkey Tail and Wings.

No. 18—**Grizzly King,** Green Body Ribbed with Gold Tinsel, Furnace Gray Hackle Legs, Red Tail Gray Mallard Wings.

No. 19—**Governor,** Peacock Green Body, Brown Hackle Legs Mixed Brown and Black Wings.

No. 20—**Governor Alvord,** Peacock Hurl Body Brown Hackle Legs, Red Tail, Light Brown Upper Wings, Lead Color Over Wings.

No. 21—**Ibis,** Red Body Ribbed with Gold Tinsel and Tinsel Tag, Red Hackle Legs, Red Tail and Wings

No. 23—**Jungle Cock,** Silver Tinsel Body, Black Hackle Legs, Jungle Cock Wings.

No. 24—**Jock Scott,** White Body, Brown Tail, Mixed White and Black Wings.

No. 25—**Montreal,** Red Mohair Body Ribbed with Gold Tinsel Dark Red Hackle Legs, Red Tail, Dark Turkey Wings.

No. 26—**White Miller,** White Body, Ribbed with Silver Tinsel, White Hackle Legs, White Wings.

No. 27—**Professor,** Yellow Body, Ribbed with Gold Brown Hackle Legs, Scarlet Ibis Tail, Gray Mallard Wings.

No. 28—**Queen of Waters,** Orange Body, Brown Hackle Legs, Wound Down the Whole Length, Gray Mallard Wings.

This Fly becomes the King of Waters when the Body is Red instead of Orange.

No. 29—**Seth Green,** Green Floss Silk Body, Wound with Gold Tinsel, Scarlet Hackle Legs, no Tail, Light Mottled Turkey Wings.

No. 30—**Silver Doctor,** Silver Tinsel Body Ribbed with Red Silk, Mixed Red, Yellow and Blue Feather Tail, Blue Hackle Mixed Wings of Turkey, Gray Mallard, Red, Yellow and Blue Feathers.

No. 31—**Reuben Wood,** White Body, Brown Hackle, Gray Mallard Wings

No. 32—**Red Spinner,** Red Body, Wrapped with Gold Tinsel, Brown Hackle and Tail, Dung Color Wings

No. 33—**Yellow May,** Yellow Floss Silk Body, Yellow Hackle Legs, Yellow Tail and Wings.

No. 34—**Yellow Sally,** Yellow Body Wrapped with Gold Tinsel, Yellow Hackle Legs, Canary Yellow Wings.

No. 35—**Black Hackle,** Peacock Body, Gold Tinsel Tag, Black Hackle Legs.

No. 36—**Brown Hackle,** Brown Body, Gold Tinsel Tag, Brown Hackle Legs

No. 37—**Green Hackle,** Green Body, Gold Tinsel Tag, Wine Hackle Legs.

No. 39—**Red Hackle,** Red Body, Gold Tinsel Tag, Brown Hackle Legs

No. 40—**Parmachenee Belle,** Yellow Body, Silk Wound with Gold Tinsel Red and White Hackle Legs, Red and White Mixed Tail and Wings.

No. 41—**Royal Coachman,** Peacock Body, with Red Band of Silk in Center Brown Hackle Legs, White Wings

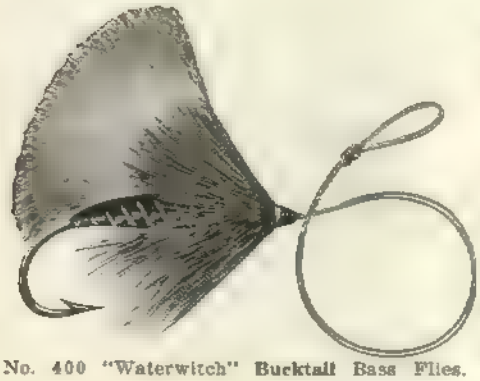
No. 42—**Bee,** Yellow Chenille Body, with Black Band of Silk in Center, Brown Hackle Legs, Lead Color Wings

NOTE—We are prepared to execute orders for Special Flies tied to Special Hook or Copy any Samples submitted to our care on very short notice and guarantee entire satisfaction.

Artificial Bass Flies.

GENUINE FROST MAKE

Every Fly is Strictly Tested.



No. 400 "Waterwitch" Bucktail Bass Flies.

Per Dozen

No. 400 Buck-Tail Extra Quality—Wound Silk Body, Genuine Deer-Tail Hair Wings, on Nos. 0 and 2/0 Best English Sprout Hooks....$2.25

No. 400 Flies are Carried in Stock in the Following Patterns: Fawn, Princess Fawn, Queen Doe, Buck and King Buck.

DESCRIPTION OF No. 400 BUCKTAIL BASS FLIES

King Buck—Brown Hair Hackle, White Buck Tail Wing, Red Silk Wound Body, Gold Tinsel.

Princess Fawn—White Hair Hackle, White Buck Tail Wing, White Tail Feather, Green Silk Wound Body, Gold Tinsel.

Queen Doe—Brown and Black Hair Hackle, Mixed Buck Tail Wing, Peacock Feather Tail, Pale Blue Silk Wound Body, Gold Tinsel.

Buck—Brown Hair Hackle, Dark Brown Buck Tail Wing, Red Feather Tail, Red Silk Wound Body, Gold Tinsel.

Fawn—Brown Hair Hackle, White Buck Tail Wing, White Feather Tail, Green Tinsel Body

"A" and "B" Quality Bass Flies.

Per Gross

No. "A" Waterwitch Quality—Wool Body, Well Tied on Best English Bronzed Spear Point Sprout Hooks, Nos. 1, 1/0 and 2/0.....$ 0 25

No. "B" Superior Quality—Fine Silk Body, Well Tied with Gilt Tinsel on Best English Bronzed Filed Point Sprout Hooks, Nos. 1, 1/0 and 2/0..... 18 35

One-quarter Dozen on a Card; One-quarter Gross in a Box.

Per Dozen

Divided Wing Bass Flies—Wound Silk Body, Tied on Bronzed Hollow Point Sprout Hooks, in all Numbers Listed Below Direct from Factory.....$1.70

DESCRIPTION OF "A" AND "B" BASS FLIES

No. 50—Blue Bottle, Bright Blue Body Wrapped, Black Hackle, Gray Wings.

No. 51—Bishop, White Body, Brown Hackle, Red Tail, Red Wings.

No. 52—Black Hackle, Peacock Body, Gold Tinsel Tag, Black Hackle Legs.

No. 53—Brown Hackle, Brown Body, Gold Tinsel Tag, Brown Hackle Legs.

No. 54—Red Hackle, Red Body, Gold Tinsel Tag, Brown Hackle Legs.

No. 55—Coachman, Peacock Hurl Body, Brown Hackle Legs, White Wings.

No. 56—Climax, Yellow Body Wrapped with Gold Tinsel, White Hackle Legs, Red Wings.

No. 57—Ferguson, Green Body with Gold Tinsel, Brown Legs, Yellow and Green Tail, Mixed Turkey, Green and Yellow Wings.

No. 58—Governor Alvord, Peacock Hurl Body, Brown Hackle Legs Red Tail, Light Brown Upper Wings, with Lead Color Over Wings.

No. 59—Green Drake, Yellow Silk Body, Wound with Black Silk, Tail Three Black Fitch Hairs, Brown Hackle Legs, Gray Mallard Wings, Dyed Yellowish.

No. 60—Grizzly King, Green Body, Ribbed with Gold Tinsel, Furnace Gray Hackle Legs, Red Tail, Gray Mallard Wings.

No. 61—Ibis, Red Body Ribbed with Gold Tinsel and Tinsel Tag, Red Hackle Legs, Red Tail and Wings.

No. 62—Ibis White, Red Body and Tail, Mixed Red and White Wings

No. 63—Lord Baltimore, Yellow Body, Ribbed with Black Tinsel, Black Hackle Legs, Gray Mallard Wings.

No. 64—Montreal, Red Mohair Body, Ribbed with Gold Tinsel, Dark Red Hackle Legs, Red Tail, Dark Turkey Wings

No. 65—Reuben Wood, White Body, Brown Hackle, Gray Mallard Wings.

No. 66—Scarlet Ibis, Red Body, Wrapped with Gold Tinsel, Red Hackle Legs and Tail, Red Wings.

No. 67—Yellow May, Yellow Floss Silk Body, Yellow Hackle Legs, Yellow Tail, Yellow Wings.

No. 68—White Miller, White Body Ribbed with Silver Tinsel, White Hackle Legs, White Wings.

No. 69—White Hackle, White Body, Gold Tinsel Tag, White Hackle Legs.

No. 70—Parmachenee Belle, Yellow Body Silk Wound with Gold Tinsel, Red and White Hackle Legs, Red and White Mixed Tail and Wings.

No. 71—Royal Coachman, Peacock Body, with Red Band of Silk in Center, Brown Hackle Legs, Barred Wood Duck Tail, White Wings.

No. 72—Professor, Yellow Body, Ribbed with Gold, Brown Hackle Legs, Scarlet Ibis Tail, Gray Mallard Wings.

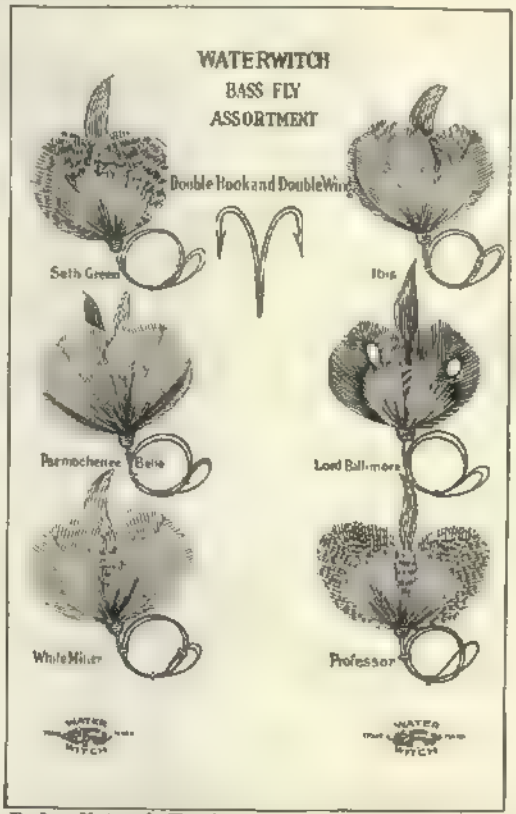
NOTE—We are prepared to execute orders, for Special Flies, tied to Special Hook or Copy any Samples submitted to our care on very short notice and guarantee entire satisfaction.

Bass Fly Assortments.

Silk Body, Natural Feathers Dressed on Spear Point Bronzed Sproat Hooks, Nos. 1, 1/0 and 2/0.

Per Card

No. 405—Bass Fly Assortment, ½ Dozen on a Card, 1 Each Gray Hackle, Ibis, Paramachenee Belle, Professor, Raven and White Miller Flies $0.70



Silk Body, Natural Feathers, DOUBLE WING, Dressed on Spear Point Bronzed DOUBLE HOOKS, Nos. 1, 1/0 and 2/0.

Per Card

No. 505—Bass Fly Assortment, ½ Dozen on a Card, 1 Each Seth Green, Ibis, Parmachenee Belle, Lord Baltimore, White Miller and Professor Flies $1.70

Two Cards in a Box.

SOUTH BEND BUCKTAIL FLIES

Constructed of Genuine Deer Tail Hair, Tied with Pure Silk, Assorted Solid Colors, White, Yellow, Red, Brown and Gray Bucktail.

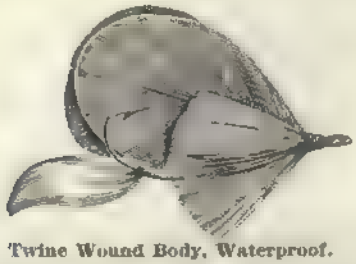
Per Dozen

No. 1601—Trout Size, Tied to No. 8 Hook $2.50
No. 1602—Trout Size, Tied to No. 6 Hook 2.50
No. 1604—Bass Size, Tied to No. 2 Hook 2.50
No. 1606—Bass Size, Tied to No. 1/0 Hook 2.50

Five Assorted Colors Mounted on a Card

Interchangeable Bass Flies.

FROST'S



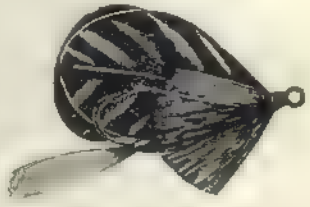
Twine Wound Body, Waterproof.

Per Dozen

No. 122—Ringed Eye, Large White Tail Wings are Very Stiff and Serve as a Weed Guard, Tied on No 4/0 Heavy Hook $2 80

This Fly is furnished in the Ibis, White Miller and Parmachenee Belle.

BING'S WEEDLESS



Twine Wound Body, Waterproof.

Per Dozen

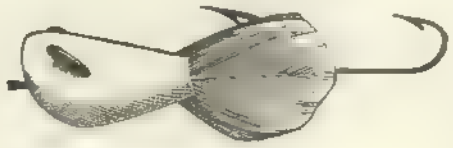
No. 1122—Ringed Eye Weedless Hook, Large Tail and Stiff Feather Wings, Tied on No. 4/0 Heavy Hook $3 90

Furnished in Ibis, White Miller, Parmachenee Belle and Yellow Sally Flies.

One on a Card; One Dozen in a Box.

Fish Baits.

"COAXER" SURFACE



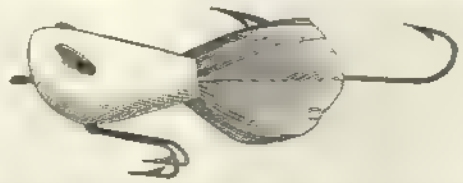
No. 1—Half Size

Weedless, Cork Body, White Enameled, Red Felt Wings, Red Stiff Feathered Tail.

	Per Dozen
No. 1—1¾ in. Body, for Bass and Pickerel	.$9 35
No. 2—1¼ in. Body, for Bass and Pickerel	9 35
No. 3—1⅛ in. Body, for Bass and Pickerel	9 35

Approx. Weight Per Dozen ½ Pound.

"COAXER" CONVERTIBLE SURFACE

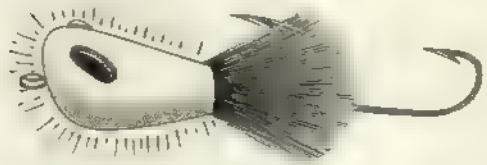


Cork Body, White Enameled, Red Felt Wings, Red Stiff Feathered Tail, WITH DOUBLE HOOK ON UNDER SIDE, Can be Made Weedless by Removing Double Hook from Bottom Side.

	Per Dozen
No. 1X—1¾ in. Body, for Bass and Pickerel	$18 35

Approx. Weight Per Dozen ½ Pound.

"COAXER" LUMINOUS BUCKTAIL

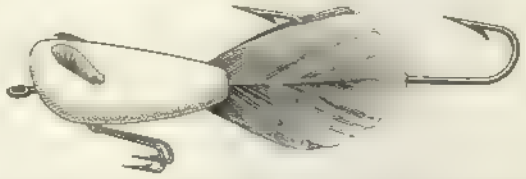


Weedless, for Night Fishing, Cork Body, White Enameled, Red Felt Wings, Red Bucktail.

	Per Dozen
No. 45—1¾ in. Body	$13.35

Approx. Weight Per Dozen ½ Pound.

"COAXER" MUSKIE SURFACE



Cork Body, White Enameled, Red Felt Wings, Red Stiff Feathered Tail, WITH DOUBLE HOOK ON UNDER SIDE and TRAILER HOOK.

	Per Dozen
No. 1A—2½ in. Body	$16 00

Approx. Weight Per Dozen ¾ Pound.

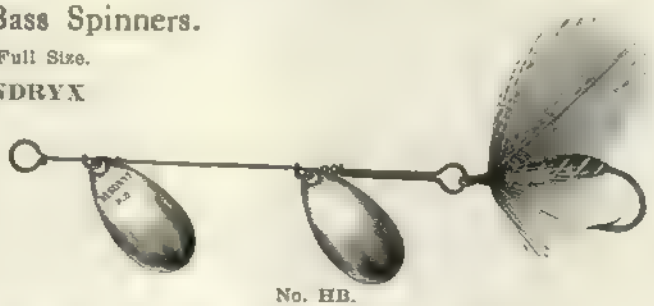
One-twelfth Dozen in a Box; One Dozen in a Package

Trout or Bass Spinners.

Cuts Full Size.

HENDRYX

No. H1.



No. HB.

Mounted on Nickel Plated Tempered Steel Piano Wire, Sneck Hooks, Assorted Silk Body Flies.

Light Brass Nickel Plated Spoons, SINGLE, with Flies.

Nos.	HS	H1	H2	H3
Size of Spoon, Inches	½x$\frac{9}{32}$	⅝x⅜	¾x$\frac{11}{32}$	1¼x⅝
Size of Hook	8	4	4	2
Per Dozen	$2.00	2.00	2.00	2.60

Light Brass Nickel Plated Spoons, SINGLE WITHOUT FLIES.

Nos.	SHS	SH1	SH2
Size of Spoon, Inches	½x$\frac{9}{32}$	⅝x$\frac{25}{64}$	¾x$\frac{13}{32}$
Per Dozen	$1.45	1.45	1 45

Light Brass Nickel Plated Spoons, TANDEM, with Flies.

Nos.	HT	HA	HB	HC
Size of Spoon, Inches	½x$\frac{9}{32}$	⅝x⅜	⅞x$\frac{13}{32}$	1$\frac{1}{16}$x$\frac{5}{8}$
Size of Hook	8	4	4	2
Per Dozen	$2.80	2.80	2.80	3.35

Light Brass Nickel Plated Spoons, TANDEM, WITHOUT FLIES.

Nos.	DHS	DHA	DHB
Size of Spoon, Inches	½x$\frac{9}{32}$	⅝x⅜	⅞x$\frac{13}{32}$
Per Dozen	$2.00	2.00	2.00

SINGLE, Pearl Spoon, WITHOUT FLIES.

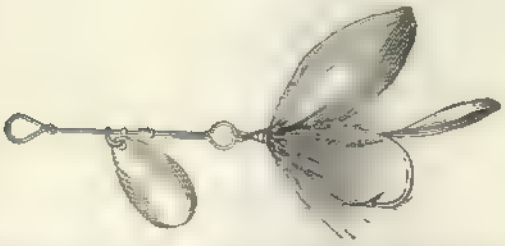
Nos.	HSP	H1P	H2P	H3P
Size of Spoon, Inches	½x$\frac{9}{32}$	⅝x⅜	¾x$\frac{11}{32}$	1¼x$\frac{5}{8}$
Per Dozen	$2 80	2.80	2.80	2.80

Approx. Weight Per Dozen 6 Ounces.

One-half Dozen on a Card; One Dozen in a Box.

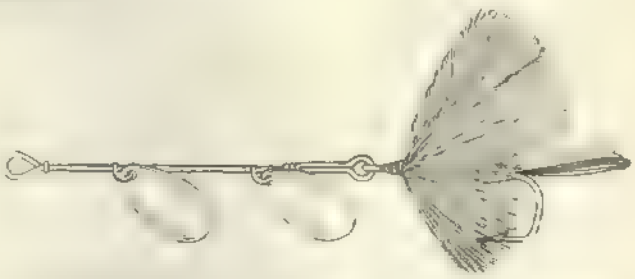
Trout and Bass Spinners.

HILDEBRANDT



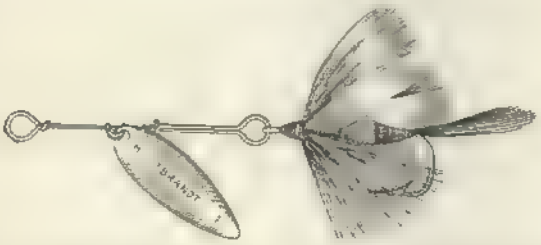
Single, Standard Nickel Plated Blades, WITH FLIES.

Nos.	0D	1D	2D
Size of Blade, Inches	⅛	⅝	⅞
Per Dozen	$4 50	4 50	4.50



Tandem, Standard, Nickel Plated Blades, WITH FLIES.

Nos.	OO	OA	OB
Size of Blade, Inches	1½	⅝	⅞
Per Dozen	$5 60	5 60	5.60



SLIM ELI, Single, Nickel Plated Blades, WITH FLIES.

Nos.	0E	1E	2E
Size of Blade, Inches	⅝	1⅜	1⅝
Per Dozen	$4 50	4 50	4.50

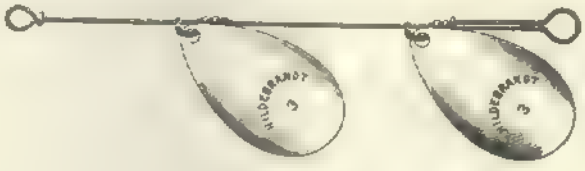
The following Flies are furnished with the above Spinners: Beaver Kill, Black Gnat, Brown Hackle, Cow Dung, Grizzly King, Ibis, Parmachenee Belle, Queen of Waters, McGinty, Professor, Royal Coachman and White Miller.

No. S2

Without Flies.

Standard, Single, Nickel Plated Blades, with Ball Bearing Spoon Lug Carrier.

Nos.	S0	S1	S2	S3	S3½
Spoon, Inches	½	⅝	⅞	1⅛	1⅜
Per Dozen	$2.70	2.70	2.70	2.70	2.70



No. DC.

Without Flies.

Standard, Double, Nickel Plated Blades, with Ball Bearing Spoon Lug Carrier.

Nos.	DA	DB	DC	DD	DE
Spoon, Inches	⅝	⅞	1⅛	1⅜	1½
Per Dozen	$4.50	4.50	4.50	4.50	5.25

These Spinners are Hand Made, with Ball Bearing Spoon Lug Carriers, Very Light Blade, Making them Free Spinning

Approx. Weight Per Dozen 6 Ounces.

One Dozen in a Box.

Casting Spoons.

WITHOUT HOOKS

Single.

Per Dozen

No. 18—Mounted with 1⅛ in. Long Nickel Plated Spoon, Brass Barrel Swivel, Can be Used with Any Hook or Fly $2.15

Double.

Per Dozen

No. 28—Mounted with 1½ in. Long Nickel Plated Spoons, Brass Barrel Swivel, Can be Used with Any Hook or Fly $2 80

Approx. Weight Per Dozen 8 Ounces.

One Dozen in a Box

Bass Spoons.

SPINNING COACHMAN

For Trout or Bass.

Per Dozen Sets

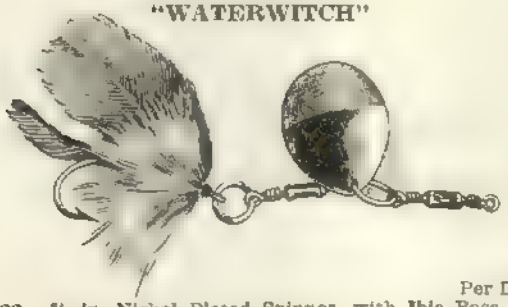
No. 15—Tied on Fine Hollow Point Sprout Hooks, Full Feathered, 1¼ in. Nickel Plated Spoon, Spring Brass Snap and Brass Box Swivel, with Three Interchangeable Flies $3 35

Approx. Weight Per Dozen ½ Pound.

One Dozen Sets in a Box

Bass Spinners.

"WATERWITCH"



Per Dozen

No. 222—⅝ in. Nickel Plated Spinner, with Ibis Bass Fly, Mounted on Two Split Rings, Two Brass Box Swivels $2.80

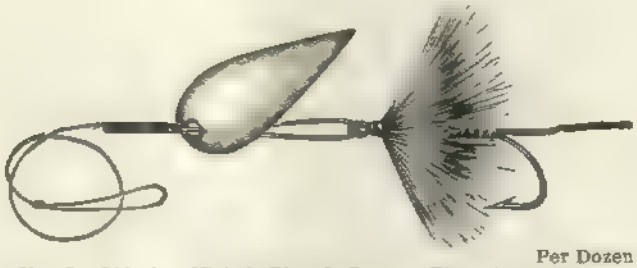
No. 223—Same as No. 222 Furnished with Bucktail Hair Red Feather Tail Bass Fly 2.80

Especially adapted for light casting. The slightest current or exertion will set the spinner in motion.

Approx. Weight Per Dozen 6 Ounces

One Dozen in a Box.

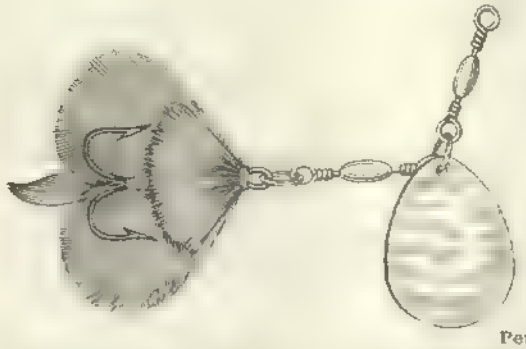
Bass Fly Spoons.



Per Dozen

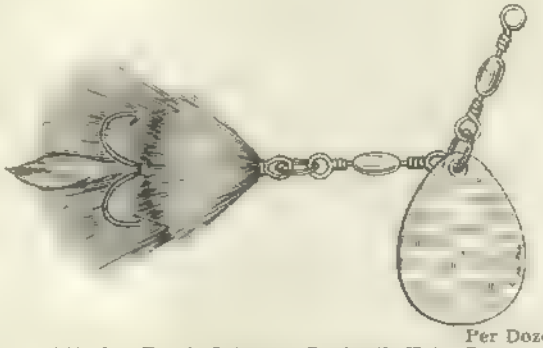
No. 8—1¼ in. Nickel Plated Spoon, Fine Assorted Flies, Gut Leader, Tied to No. 1 Limerick Ringed Hook $1 45

Pearl Spinners.



Per Dozen

No. 325—1¼ in. Pearl Spinner, Silk Body, Ibis Double Wing Bass Flies, Tied on Double Hook, Mounted on Two Split Rings and Two Brass Barrel Swivels $4.50



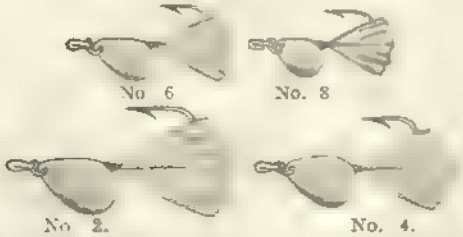
Per Dozen

No. 326—1¼ in. Pearl Spinner, Bucktail Hair Red Feather Tail, Tied on Double Hook, Mounted on Two Split Rings and Two Brass Barrel Swivels $4.50

Approx. Weight Per Dozen 6 Ounces.

One Dozen in a Box.

Trout Spoons.



Jamison, Nickel Plated Blades, with Feather Fly Built on the Hook, Assorted Red, Brown, White and Yellow Solid Colors, Special Hollow Point Sprout Hooks.

Size of Hooks, Inches...	2	4	6	8
Per Dozen	$4 00	4 00	4.00	4 00

One Dozen in a Box.

Trout Fly Spinners.

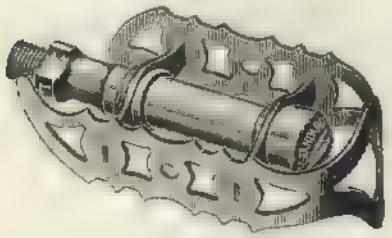
Per Dozen

No. 10—1½ in Nickel Plated Spinner, Nos. 6 and 8 Limerick Hollow Point Ringed Eye Hook, 2 Split Rings, 2 Brass Barrel Swivels $2 00

Furnished in the following Flies: Royal Coachman, Gray Hackle, Paramachenee Belle, Montreal, Cow Dung and Professor.

One Dozen in a Box.

Bicycle Pedals.

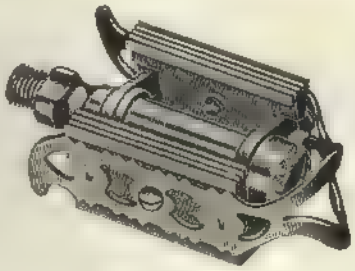


Standard Men's.

Per Pair

No. 1 Rat Trap Pedal, Ball Bearing, Highly Polished and Nickel Plated $1.15

Weight Per Pair About 1 Pound.



Standard Women's.

Per Pair

No. 2—Combination Pedal, Highly Polished and Nickel Plated, with Pedal Rubbers..... $1 15

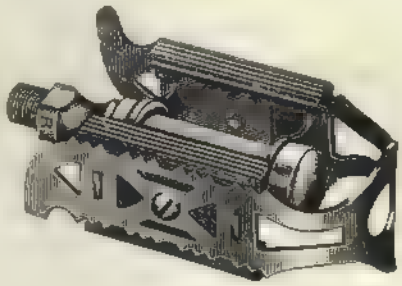
Weight Per Pair About 1¼ Pounds

Pirate Men's.

Per Pair

No. 10—Rat Trap Pedal, Ball Bearing, Nickel Plated . $0 80

Weight Per Pair About 1 Pound.

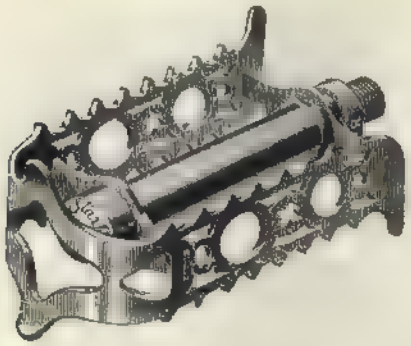


Pirate Women's.

Per Pair

No. 12—Combination Pedal, Ball Bearing, Highly Polished and Nickel Plated, with Pedal Rubbers..$1.15

Weight Per Pair About 1¼ Pounds

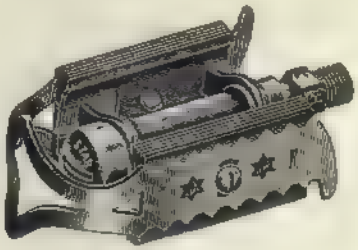


Star Men's.

Per Pair

No. 15—Rat Trap Pedal, Ball Bearing, Highly Polished and Heavily Nickel Plated..... $1.70

Weight Per Pair About 1 Pound.

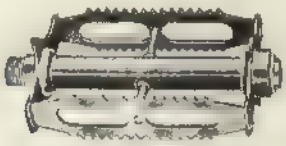


Star Women's.

Per Pair

No. 16—Combination Pedal, Ball Bearing, Highly Polished and Heavily Nickel Plated, with Pedal Rubbers $2.00

Weight Per Pair About 1¼ Pounds

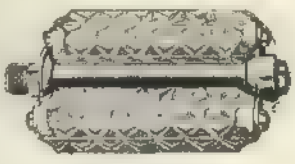


World Rat Trap.

Per Pair

No. 20—Rat Trap Pedal, Ball Bearing, Highly Polished and Nickel Plated $1.45

Weight Per Pair About 1¼ Pounds.



World Rubber.

Per Pair

No. 25—Ball Bearing, Highly Polished and Nickel Plated $2 00

Weight Per Pair About 1¾ Pounds.

Bicycle Handle Bars.

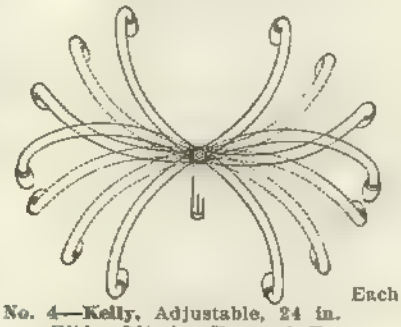
MOTOR BIKE

Each

No. 5—Motor Bike, 22 in. Wide, 6 in. Drop, no Forward Curve, 2½ in. Forward Extension, ⅞ in. Cast Stem, 13 in Long $2.25

Weight Each About 2½ Pounds.

KELLY BAR



Each

No. 4—Kelly, Adjustable, 24 in. Wide, 2½ in. Forward Extension, ⅞ in. Cast Stem, 5 in. Long $2 80

Weight Each About 2¼ Pounds

RAM'S HORN

Each

No. 7—Ram's Horn, 24 in. Wide 2½ in. Forward Extension, ⅞ in. Cast Stem, 4¼ in Long $1.90

Weight Each About 2½ Pounds.

SCHINNEER BAR

Each

No. 1—3 in. Drop, 1¼ in. Forward Bend, 20 in. Wide, ⅞ in. Cast Stem, 5¼ in. Long $1.35

Weight Each About 1¾ Pounds.

EXTENSION STEM BAR

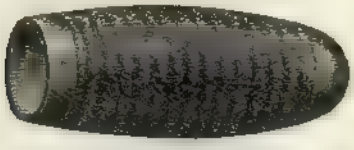
Each

No. 2—2 in. Drop, 2¼ in. Forward Bend, 20 in. Wide, ⅞ in Forged Top, 4½ in. Long, 2¾ in Extension $1 45

Weight Each About 2 Pounds

NOTE—All Above, without Grips

Handle Bar Grips.

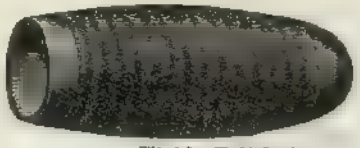


Highly Polished.

Per Pair

No 68—⅞ in., Spiral Wound Oak Tanned Leather, Hard Maple Core, Cap and Ferrule Natural Finish. $0 16

Weight Per Dozen Pairs About 1½ Pounds



Highly Polished.

Per Pair

No. 74—⅞ in Spiral Wound Oak Tanned Leather Hard Maple Core, Stained Cap and Ferrule $0.18

Weight Per Dozen Pairs About 1½ Pounds.

Highly Polished.

Per Pair

No 75—⅞ in., Spiral Wound Oak Tanned Leather, Hard Maple Core, Stained End, Nickeled Brass Ferrule $0.22

Weight Per Dozen Pairs About 1¾ Pounds

Nickeled Brass Ferrule.

Per Pair

No. 4 ⅞ in., Best Cowhide Stitched Grip $0 45

Weight Per Dozen Pairs About 1¾ Pounds

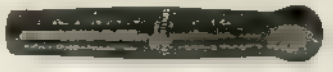
MOTOR BIKE

Boy Scout Junior.

Per Pair

No. 25—Good Quality Rubber, Woven Steel Reinforcement, Fabric Inner Lining $0.90

Weight Per Dozen Pairs About 6 Pounds



Keystone.

Per Pair

No. 30 Good Quality Rubber, Fabric Inner Lining.... $0 80

Weight Per Dozen Pairs About 6 Pounds

These Grips are of the same design as the regular Motorcycle Grips, but are smaller in size and are made especially for use on bicycles

Handle Bar Stems.

Each

No. 6—2½ in. Forward Extension, ⅞ in. Cast Stem, 5 in. Long, for Kelly Handle Bar.**$1.35**

Weight Each About ¾ Pounds.

Each

No. 2—Regular, ⅞ in., Cast Stem, Nickel Plated, with Expander **$0.52**

Weight Each About ⅝ Pound.

Each

No. 3—Forward Extension, ⅞ in., Cast Stem, Nickel Plated, with Expander **$0.56**

Weight Each About ⅝ Pound.

Bicycle Saddles.

Each

No. 6A—9¼ in. Long, 7½ in. Wide, Wood Base, Selected Leather, Truss Spring.....**$1.25**

Weight Each About 1 Pound.

Each

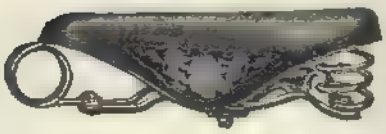
No. 10—9¼ in. Long, 8¼ in. Wide, Wood Base, Selected Leather, Truss Spring.....**$1.70**

Weight Each About 1⅛ Pounds.

Each

No. 15—10¼ in. Long, 8 in. Wide, Wood Base, Selected Leather, Universal Spring..**$2.00**

Weight Each About 2⅛ Pounds.



Each

No. 20—**Old Comfort**, 11 in. Long, 7¾ in. Wide.....**$3.00**

Weight Each About 2½ Pounds.

Each

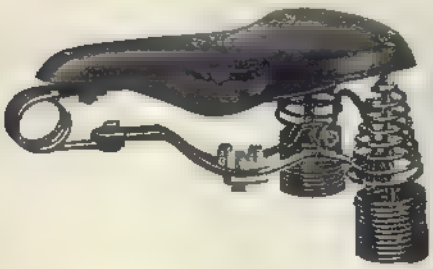
No. 25—**Overland**, 10¾ in. Long, 8¾ in. Wide.....**$4.25**

Weight Each About 4 Pounds.

Each

No. 30—**Apex**, 12 in. Long, 8 in. Wide, Extension Spring, Nickel Plated **$3 15**

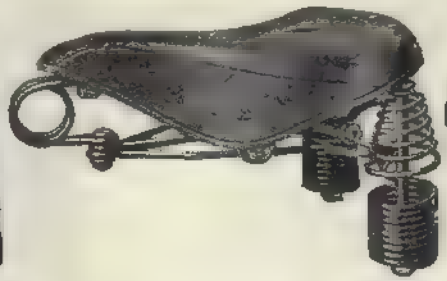
Weight Each About 3¼ Pounds.



Each

No. 32—**Eagle Diamond "X,"** 10½ in. Long, 7½ in. Wide, Double Suspension Spring, Japanned **$3.35**

Weight Each About 4 Pounds.



Each

No. 35—**Eagle Eazy**, 10¾ in. Long, 8¾ in. Wide, Double Suspension Spring, Japanned **$4.70**

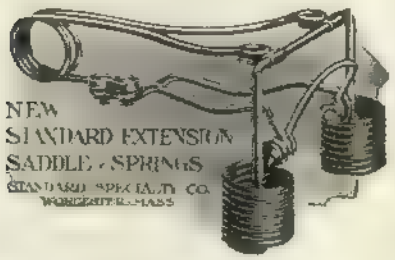
Weight Each About 4½ Pounds.

Each

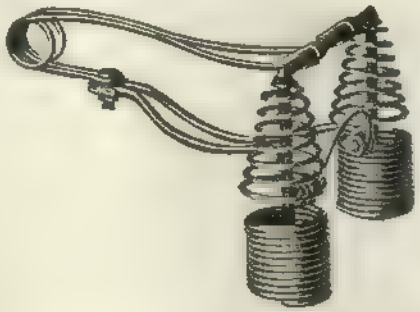
No. 22—**Road King**, 11 in. Long, 8 in. Wide, Double Suspension Springs, Black Japanned **$3 70**

Weight Each About 5 Pounds.

Saddle Springs.



Each
Standard Extension—New Style, Nickel Plated $0 90
Weight Each About 2¼ Pounds.



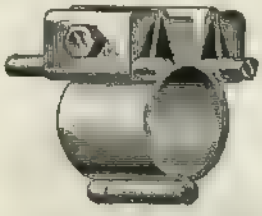
Each
Cushion Comfort—Nickel Plated "No Bump" Springs. $1 15
Weight Each About 2⅝ Pounds.

Seat Posts.

Each
Seat Posts—⅞ in., Plain, Nickel Plated $0.70
Weight Each About ⅝ Pounds.

Saddle Clamps.

Each
No. 1—Saddle Clamps, Nickel Plated $0.16
Weight Each About ½ Pound



Each
No. 2—Chalfant Saddle Clamps, 1⅛ in., Nickel Plated $0.70
Weight Each About ¼ Pound.

Front and Rear Axle Sets.

Each
Front Axle Sets ⅜ in., Complete with Two Adjustable Cones Nickeled Nuts and Washers, All Assembled . . $0 18
Rear Axle Sets—⅜ in., Complete with Two Adjustable Cones, Two Nickeled Nuts and Washers, All Assembled 23
Weight Each About ⅜ Pound.

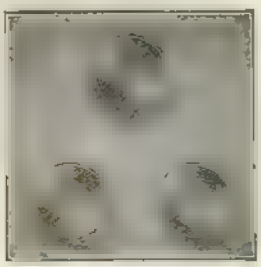
Front Hubs.

Each
Front Hubs Drilled 32 Holes, Nickel Plated, Complete with Cones, Ball Retainers, Nuts and Washers $0.67
Weight Each About ½ Pound.

Rear Hubs.

Each
Rear Hubs—Drilled 36 Holes, Nickel Plated, Complete with Cones, Ball Retainers, Sprockets, Nuts and Washers $1.45
Weight Each About 1½ Pounds.

Washers.



Nickel Plated.

Size, Inches	⅜	⅝
Per Dozen	$0 12	.12

Weight Per Dozen About ⅜ Pound.

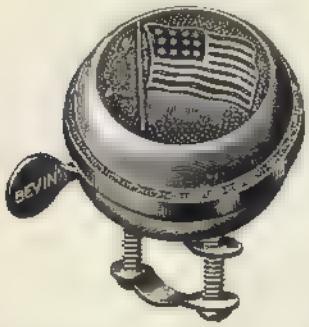
Nuts.

Hexagon, Nickel Plated and Threaded.

Size, Inches	⅜	⅝
Threads to the Inch	24	24
Per Dozen	$0.33	.45

Weight Per Dozen About ⅜ Pound.

Bicycle Bells.



Lever Bell, Electric Stroke, Rotary Movement, Cast Bell Metal Gong, Nickel Plated American Flag Enameled in Colors.

Per Dozen

No. 52—2 in. Gong, Screw Clamp $4 50

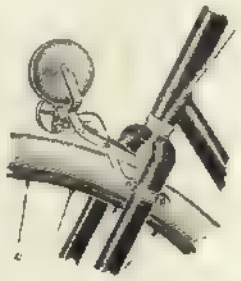
Weight Per Dozen About 4⅞ Pounds.

Push Button Bell, Continuous Ringing, Cast Bell Metal Gong, Nickel Plated, American Flag Enameled in Colors.

Per Dozen

No. 31—2 in. Gong, Screw Clamp $7.80

Weight Per Dozen About 5¾ Pounds

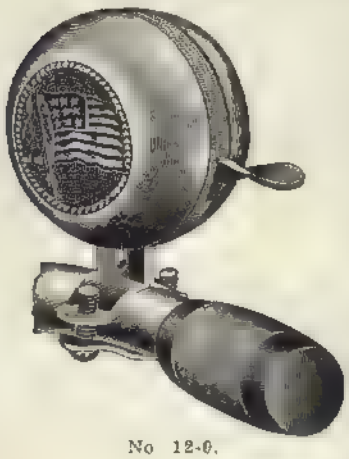


Sandow Siren.

Per Dozen

No. 100 Complete with Cord. $8 90

Weight Per Dozen About 12 Pounds.



No 12-0.

Royal Chime, Rotary Movement, Stationary Cast Bell Metal Gong, U. S. A. Flag and Shield, Enameled in Colors.

Per Dozen

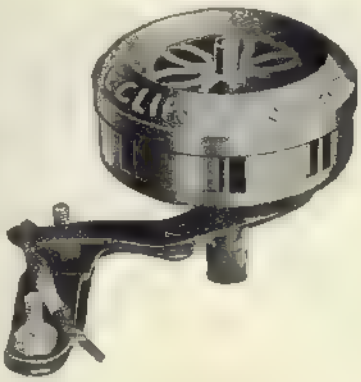
No. 12–0—2½ in. Gong. $10.00

Weight Per Dozen About 9 Pounds.

Each

Eclipse Siren—Ball Bearing, Nickel Plated Siren, Japanned Bracket, with Cord. . . $1.15

Weight Each About ¾ Pound



Eclipse Siren.

Bell Assortments.

Lever Bells.

Per Assortment

No. A Electric Stroke, Rotary Movement, 2¼ in Cast Bell Metal Gongs, Screw Clamp, Containing One Dozen Assorted Bells, Each Packed in a Box. . $4.50

Weight Per Assortment About 4⅞ Pounds

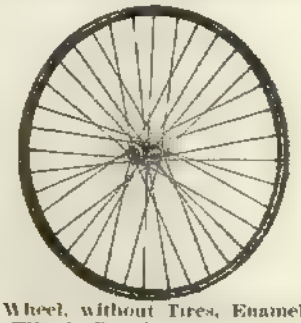
Lever Bells.

Per Assortment

No. L Electric Stroke, Rotary Movement, 2¼ in Wrought Metal Gongs, Nickel Plated, Finished in Colors, Screw Clamp, Containing One Dozen Assorted Bells, Each Packed in a Box. . $3.90

Weight Per Assortment About 4 Pounds

Built-Up Wheels.



28 in. Wheel, without Tires, Enameled Rim	Each
No. 10—Front Wheel, Regular, Weight Each About 2¼ Lbs	$ 2 80
No. 20—Rear Wheel, Regular, Plain Hub, Weight Each About 3⅛ Pounds	3 35
No. 30—Rear Wheel, Regular with New Departure Coaster Brake, Weight Each About 4 Lbs...	10 00
For Pritzlaff Clincher Tires.	**Each**
No. 40—Front Wheel, Regular, Weight Each About 3⅝ Lbs.	$ 3.35
No. 50—Rear Wheel, Regular, Plain Hub, Weight Each About 4⅛ Lbs	3 90
No. 60—Rear Wheel, Regular, with New Departure Coaster Brake Weight Each About 5 Lbs	10 60

When ordering Rear Wheels, specify size of Sprocket.

Wood Rims.

Drilled, Enameled.	Each
No. 1 32 Holes 28x1⅝ in.	$1.15
No. 2—36 Holes, 28x1⅝ in.	1 15

NOTE We carry these in Colors to match our Bicycles only Specify Color wanted.
Weight Each About 1 Pound.

Nipple Washers.

Per 1000
Nipple Washers—Polished Steel, Saw Tooth, for Wood Rims $0.36
Weight Per 1000 About 1½ Pounds
1000 in a Box.

Steel Balls.

Inches	⅛	⅜	⅞	¼	⅝	⅝
Weight 1000, Lbs.	⅝	⅞	1¼	2⅝	4½	8½
Per 100	$0.20	.30	.35	.50	1.00	1.20
Per 1000	1.80	2.50	3.00	4.00	7.50	11.25

Spokes and Nipples.

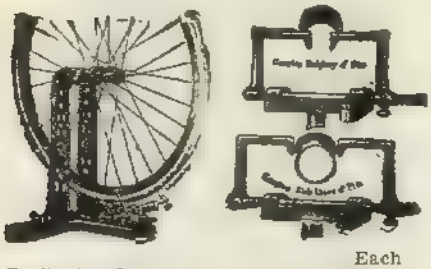
Per 100
No. 2—12 and 12⅛ in. Long, Spokes Complete with Nipples $1.56
Weight Per 100 About 1¾ Pounds.

Nipple Grips.

Per Dozen
Taggart—Pressed Up from Heavy Sheet Steel, Milled to Fit Nipples, Polished and Nickel Plated.... $2 00
Weight Per Dozen About 1⅛ Pounds
One Dozen on Display Card

PERFECT, Adjustable, Case Hardened, Gun Color Finish.
Per Dozen
No. 1—Small Size, Weight Per Dozen About 1¾ Lbs.. $ 8.90
No. 2—Large Size, Weight Per Dozen About 2⅛ Lbs. 10.00

Wheel Truing Stands.



Each
Dudley's—Cast Iron, Adjustable. $8 90
A practical device to repair and true up Bicycle Wheels. A complete and perfect Wheel Repair Stand
Weight Each About 19½ Pounds.

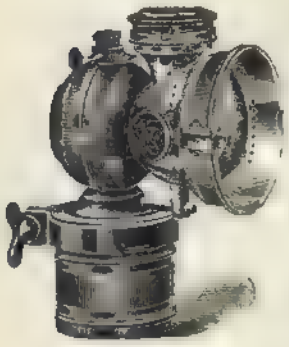
Bicycle Stands.

Each
Majestic—Steel Frame, Black Japanned, 15½ in. High.....$1 25
Weight Each About 4 Pounds

Each
Quick Action—Steel Frame, Black Japanned, 15½ in. High...$1.70
Weight Each About 2 Pounds

Bicycle Gas Lamps.

20TH CENTURY



No. 150.

Nickel Plated.

Each

No. 150—Height 7 in., Reflector 3½ in., Burning Capacity 6 Hours, Jeweled Side Lights, Combination Bracket, Hinged Front, Patent Water Valve Giving Steady and Uniform Flame, New Screw Device to Keep Tip Burner Free and Clean $4 50

Weight Each About 2 Pounds

Nickel Plated.

Each

No. 125—Height 5½ in., Turns Down or Out at Once, Lights at Once, no Waiting in Either Case, Uses Half the Quantity of Carbide and Gives as Good Light as the Best Lamp, Can be Used for Bicycles, Buggies, and Motor Vehicles. $4.15

Weight Each About 2 Pounds.

COLUMBIA, AUTOMATIC

No. 125.

SOLAR

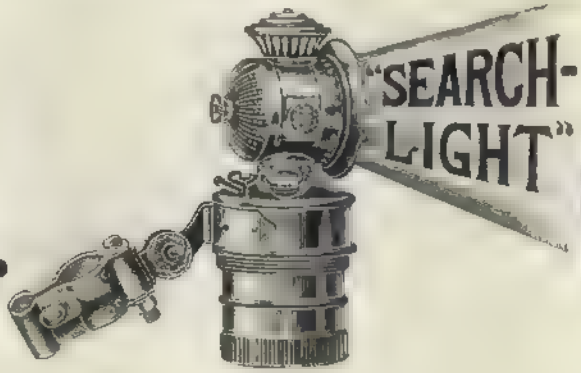
Nickel Plated

Each

No. 25—Brass, with Bracket, Burning Capacity 6 Hours, Jeweled Side Lights, Ground Double Convex Lens, Removable Tip Holder, Improved Water Feed; Having Been Materially Improved Over Former Model Makes it an Absolutely Perfect Lamp. . . $4.80

Weight Each About 2¼ Pounds.

SEARCHLIGHT, GAS



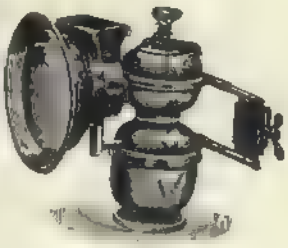
Made of Brass.

Each

No. 200—Search-Light Gas Lamp, Nickel Plated, 8 in. High, 2½ in. Convex Lens, Carbide Chamber Holds Sufficient Carbide for Two Fillings of Water $3.90

Weight Each About 2 Pounds.

BETO, GAS



Not Fitted with Bracket.

Each

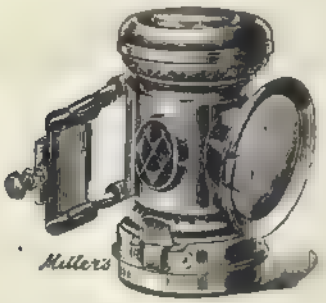
No. 10A—Beto Acetylene Gas Lamp, Made of Brass, Nickel Plated, 5⅝ in. High, 3⅛ in. Dome Lens. Aluminum Reflector, Fish-Tail Burner, 2½ Hour Carbide Capacity. $2.60

For Bracket to be used with No. 10A Lamp, see page 1968.

Weight Each About 1⅝ Pounds

Bicycle Oil Lamps.

MILLERETTE



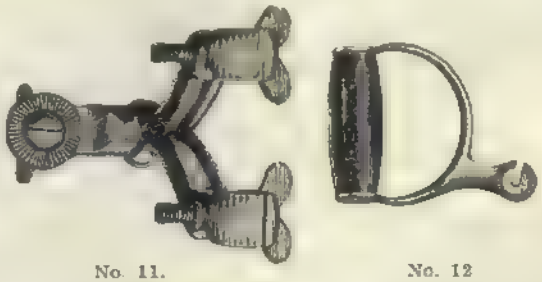
Nickel Plated.

Each

No. 60—Millerette Oil Lamp, 5¼ in. High, 2⅛ in. Double Lens, Plated Sliding Reflector, ¾ in. Burner, 6 Hours Oil Capacity . . $1 25

Weight Each About 1 Pound.

Lamp Brackets.



No. 11. No. 12

Each

No. 11—Solar Dash Lamp Bracket, Heavy Brass, Japanned $1 25

Adjustable for either Right or Left Hand. Used for Converting a Solar Bicycle Lamp into a Dash Lamp.

Weight Each About ⅝ Pound

Each

No. 12—Solar Hunter's Lamp Bracket, Ebonized Handle, Nickel Plated Frame $1 25

Used for Converting Solar Bicycle Lamp into a Hunter's Lamp.

Weight Each About ⅝ Pound.

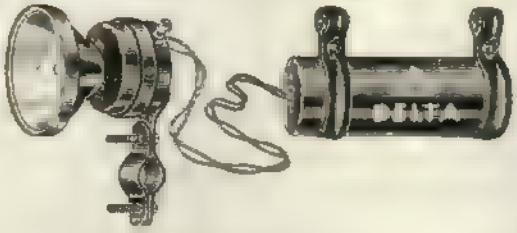
Bicycle Lamps.
VESTA ELECTRIC

Without Batteries. Each

Vesta—Cold Rolled Steel Case, Black Gloss Enameled Standard Flashlight Bulb 2.8 Volts, True Parabola Reflector Heavily Silver Plated and Finely Finished Adjustable Bracket with Switch and Means of Focusing the Bulb so that Either a Circle or a Pencil Beam of Light can be Secured **for Two Dry Batteries** **$3.35**

Weight Each About 1¾ Pounds

Bicycle Lamps.
DELTA ELECTRIC

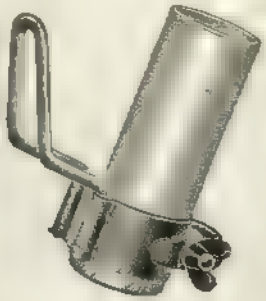


Without Battery. Each

Delta—Cold Rolled Steel Case, Black Gloss Enameled, Special Tungsten Bulb, Silvered Shaped Glass Reflector, 2 in. Ground and Polished Lens, Uses Ordinary Dry Battery, Battery Clamps on Top Bar and Headlight in Front, Strong Insulated Wire Connects the Two **$2.70**

Weight Each About 1½ Pounds.

Lamp Brackets



Nickel Plated.

Per Dozen

No. 7—To be Used in Connection with Our No 10A Beto Lamp which is not Fitted with Head Bracket (See Page 1967) **$1 35**

Weight Per Dozen About 1¾ Lbs

Calcium Carbide.

Specially Prepared for Acetylene Gas Automobile and Bicycle Lamps.

Per Dozen Cans

Calcium Carbide—Size ½ in., in 2 Lb Cans **$4 50**

Per Case

Calcium Carbide—Size ½ in., in 2 Lb. Cans, in Case Lots (24 Cans) **$8.00**

Per Can

Calcium Carbide—Size ½ in. and 1 in., in 10 Lb. Cans **$1.56**

For Automobile Lamps. Per Dozen Cans

Calcium Carbide—Auto Brand. Size ½ and 1 in., in Case Lots, Six 10 Lb. Cans **$8.70**

Per Drum

Calcium Carbide—Union Automobile Carbide, in 100 Lb. Drums, for Generators **$8.90**

For Miners' Lamps. Per Case

Calcium Carbide—Miners' Lamp Carbide, in 2 Lb. Cans, 24 Cans in a Case . . **$4 50**

Per Can

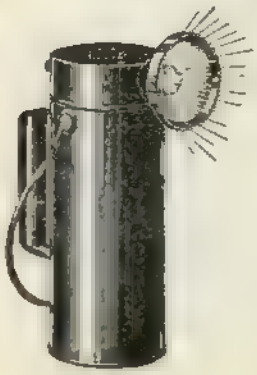
Calcium Carbide—Miners' Lamp Carbide, in 10 Lb. Cans **$1 56**

Electric Hand Lamps.
DELTA

Without Battery. Each

No. 7 8½ in High, Cold Rolled Steel Case, High Gloss Baked Enamel Finish, Special Tungsten Wire Bulb of About 2 Candle Power, French Mirror Reflector, 2 in. Imported Ground and Polished Lens, Push Thumb Switch, Formed Handle, Wire Bail, Weight Each About 1¾ Lbs **$2.00**

Extra Bulbs—For No. 7 Delta Electric Hand Lamps 40



No 7

VACO LIGHT

Without Battery.

No. 10—8 in. High, Cold Rolled Steel Case, High Gloss Baked Black Enamel Finish, Special Wire Bulb 2.8 Volts, Parabola Reflector, Heavily Silver Plated and Finely Finished, 2½ in Ground and Polished Lens, Push Thumb Switch, Square Wire Bail and Steel Back Handle, **for Round or Square Battery** **$1 45**

Weight Each About 3¼ Pounds

Extra Bulbs—For No. 10 Vaco Lite Electric Hand Lamp 40

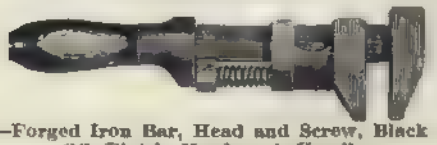
The Delta Hand Lamp uses one ordinary Dry Battery such as is used for Autos, Gas Engines, Door Bells, Telephones, etc. Batteries discarded for use on Autos and Engines will often run the light for months. Suitable for Continuous or Intermittent Burning.

One in a Carton, 12 Cartons in a Case.

No. 10.

Wrenches.

AGRICULTURAL



No. 750—Forged Iron Bar, Head and Screw, Black Finished, Oil Finish Hardwood Handle.

Length, Inches	6	8	10	12	15
Jaws Open, Inches	⅞	1¼	1⅝	2⅛	2⅝
Ap. Wt. Per Dozen, Lbs	9	16	23	30	55
Per Dozen	$4 45	5 35	6 25	7.60	10.70

One-half Dozen in a Package

COE'S GENUINE IMPROVED, KNIFE HANDLE

No. 550—Forged Tool Steel Bar, Head and Screw, Case-Hardened Jaws, Shank Extending Through to End of Handle, Hardwood Handle, Black Finish.

Length, Inches	6	8	10	12
Jaws Open, Inches	⅞	1¼	1⅝	2⅛
Ap. Wt. Per Dozen, Lbs.	9	15	25	38
Per Dozen	$9.00	10.00	12.00	14 00
Length, Inches		15	18	21
Jaws Open, Inches		2⅝	3	4⅛
Ap. Wt. Per Dozen, Lbs.		57	78	108
Per Dozen		$24.00	30 00	36.00

6 to 12 in., One-half Dozen; 15 and 18 in., One-third Dozen; 21 in., One-twelfth Dozen in a Package

P. S. & W. CO.'S. SOLBAR

No. 100P—One Piece Drop Forged Steel Bar and Head, Case Hardened Jaw, Oil Finished Hardwood Handle.

Length, Inches	6	8	10	12
Jaws, Open, Inches	⅞	1¼	1⅝	2⅛
Ap. Wt. Per Dozen, Lbs.	10	17	28	40
Per Dozen	$9.00	10 00	12.00	14.00
Length, Inches		15	18	21
Jaws Open, Inches		2⅝	3⅛	4
Ap. Wt Per Dozen, Lbs.		57	84	120
Per Dozen		$24.00	30.00	36 00

6 to 12 in., One-half Dozen; 15 and 18 in., One-third Dozen; 21 in., One-twelfth Dozen in a Box.

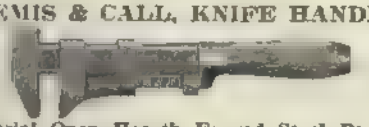
PERFECT HANDLE

No. 640—One Piece Drop Forged Steel Bar and Head, Natural Finish Waterproof Wood Handle.

Length, Inches	6	8	10	12
Jaws Open, Inches	1⅛	1¼	1⅝	2⅛
Ap. Wt. Per Dozen, Lbs.	11	20	33	46
Per Dozen	$9.00	10.00	12.00	14.00
Length, Inches		15	18	21
Jaws Open, Inches		2⅝	3⅛	4
Ap Wt Per Dozen, Lbs.		76	100	155
Per Dozen		$24 00	30 00	36 00

6 to 12 in., One-half Dozen; 15 and 18 in., One-third Dozen; 21 and 24 in., One-twelfth Dozen in a Box.

BEMIS & CALL, KNIFE HANDLE



No. 62—Special Open Hearth Forged Steel Bar, One Piece Handle Frame and Bolster, Solid Steel Screw, All Parts Case-Hardened, Black Finish, Selected Hardwood Handle.

Length, Inches	6	8	10	12
Jaws Open, Inches	⅞	1¼	1⅝	2¼
Ap. Wt. Per Dozen, Lbs.	8¼	14½	30	40
Per Dozen	$9.00	10.00	12.00	14.00
Length, Inches		15	18	21
Jaws Open, Inches		2⅝	3	4⅛
Ap Wt. Per Dozen, Lbs.		56	78	103
Per Dozen		$24.00	30.00	36.00

6 to 12 in., One-half Dozen; 15 and 18 in., One-third Dozen; 21 in., One-half Dozen in a Box.

COE'S GENUINE, STEEL HANDLE

No. 560—Forged Steel Bar, Head and Screw, Case Hardened Jaws, Steel Handle, 12 to 21 in. are Made with Ball Bearing Screw, which prevents it from catching Dirt and Rust.

Length, Inches	10	12	15	18	21
Jaws, Open, Inches	1¾	2⅛	2⅝	3	4⅛
Ap Wt. Doz., Lbs.	36	43	62	89	121
Per Dozen	$12.00	14.00	24.00	30 00	36 00

Suitable for use in Steam, Hot or Cold Water, Mud or for Dry Heats. For service where the Wood Handle won't do.

10 to 12 in., One-half Dozen; 15 to 21 in., One-third Dozen in a Package.

P. S. & W. CO.'S, STRONGHOLD

No. 25P—One Piece Forged Steel Bar and Head, Malleable Iron Handle Frame, Hardened Jaw, Black Finish, Hardwood Handle.

Length, Inches	6	8	10	12
Jaws, Open, Inches	⅞	1¼	1⅝	2⅛
Ap. Wt. Per Dozen, Lbs.	9	16	25	40
Per Dozen	$8.10	9.00	10.80	12 60
Length, Inches		15	18	21
Jaws Open, Inches		2⅝	3⅛	3⅛
Ap Wt. Per Dozen, Lbs.		53	80	105
Per Dozen		$21 60	27.00	32.40

6 to 12 in., One-half Dozen; 15 and 18 in., One-third Dozen, 21 in., One-twelfth Dozen in a Box.

RAILROAD STEEL HANDLE

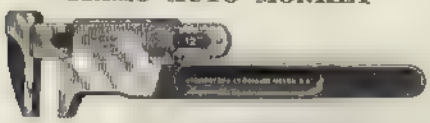
No. 800—One Piece Drop Forged Steel Head and Bar, Case-Hardened, Black Finish, Indestructible Steel Handle.

Length, Inches	6	8	10	12
Jaws, Open, Inches	⅞	1¼	1⅝	2⅛
Ap Wt Per Dozen, Lbs.	9	16	27	45
Per Dozen	$8.10	9.00	10.80	12.60
Length, Inches		15	18	21
Jaws Open, Inches		2⅝	3	4⅛
Ap. Wt. Per Dozen, Lbs.		60	85	120
Per Dozen		$21.60	27.00	32.40

6 to 12 in., One-half Dozen; 15 and 18 in., One-third Dozen; 21 in., One-twelfth Dozen in a Box.

Wrenches.

TRIMO AUTO MONKEY



All Drop Forged Steel, Case-Hardened, Black Finish.

Per Dozen

No. 27—12 in. Long, Weight Per Dozen About 15 Lbs. **$16 75**

One-half Dozen in a Box.

W. & B. AUTO

One Piece Drop Forged Open Hearth Head and Bar, Case-Hardened and Polished, Steel Handle.

Per Dozen

No. 25—10 in. Long, Jaws Open 1 1/8 in., 5/8 in. Thick Head, Weight Per Dozen 16 Lbs..... **$16.65**

Adapted for Automobile and other work where a Wrench with thin jaws is required

One-twelfth Dozen in a Box.

Auto Wrenches.

Drop Forged Steel, Black Nickel Finish, Tire Lever Beam.

Per Dozen

No. 9—9 in. Long, 2x5/8 in. Jaws, Jaws Open 2 1/8 in., Weight Per Dozen About 12 Lbs **$5.60**

Adapted for Automobile, Machine and Motorcycle Use.

One-half Dozen in a Box.

Socket Wrench Sets.

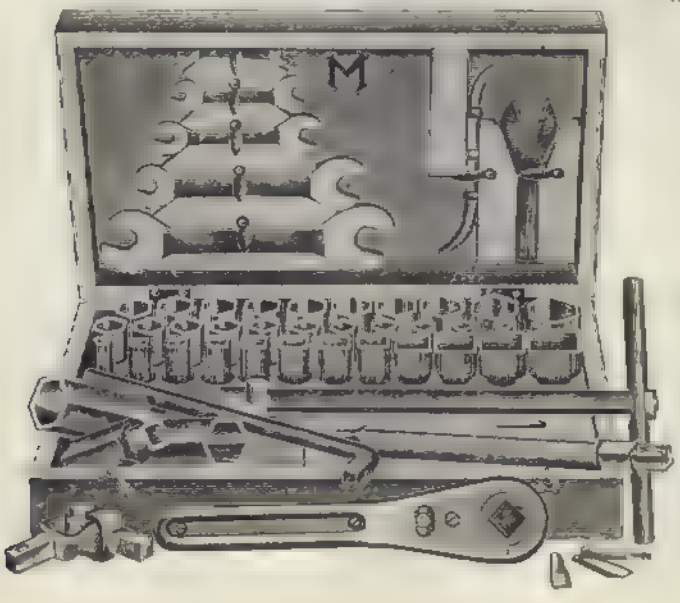
All Hexagon Sockets, Mottled Pressed Steel, Case-Hardened, Fitting Standard Sizes of Screws, Nuts and Bolts, For Millwright and Factory Use.

Per Set

No. 7 Set—Consisting of 14 Guaranteed Sockets, One Each 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 1, 1 1/16, 1 1/8 in., One 10 in. Offset Socket Wrench Handle and One 10 1/2 in. Take Down T Handle, Socket Wrench Handle, Weight Per Set About 5 Lbs..... **$4 25**

This Set is very applicable for Automobile Adjustments. Also for use in Factories and Mills on power transmission machinery, shafting, pulleys, etc., or when the screw, nuts or bolts are placed in otherwise inaccessible position.

One Set in a Box.



Hexagon and Square Sockets, Mottled, Pressed Steel, Case-Hardened, Fitting Various Sizes of Screws, Nuts and Bolts, for Machinists and Factory Workers.

Per Set

No. 9 Set—Consisting of 26 Guaranteed Sockets, Hexagon, One Each 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 1, 1 1/16, 1 1/8, 1 1/4 and 1 5/16 in., Square, One Each 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8 in., One Ratchet Socket Wrench Handle, One Extension Bar and Screw Driver Bits, Weight Per Set About 7 1/2 Lbs **$10 00**

This Set is an Ideal Repair and Assembly Set of Socket Wrenches for Factory work

One Set in a Box

Hexagon and Square Sockets, Mottled Pressed Steel, Case-Hardened. For Machinists, Automobile Repair Men and Marine Engineers.

Per Set

No. 14 Set—Consisting of 37 Guaranteed Sockets, 23 Hexagonal, One Each 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1 1/16, 1 1/8, 1 3/16, 1 1/4, 1 5/16, 1 3/8, 1 7/16, 1 1/2 in., 11 Square, One Each 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8 in., 3 Spark Plug Sockets, 13/16, 1 1/16, 1 1/8 in., each 4 in Long, One Reversible Ratchet Socket Wrench Handle, One 10 1/2 in. Take Down T Handle, Socket Wrench Handle and Extension Bar, One 10 in. Offset Socket Wrench Handle, One 6 in Grips-All Pipe Wrench, One General Service Double End Wrench Set, Extra Finished, 10 Openings, One Universal Joint, 3 Screw Driver Bits and One Cotter Pin Extractor, Weight Per Set About 16 Lbs..... **$17.00**

The Clever Reversible Handle, the Splendid Range of Sockets (each one guaranteed over any other Socket made), the full set of offset open-ends, the completeness of its equipment, all make the Set a wonderful box of tools.

One Set in a Wooden Box.

Wrenches.

NEW ELGIN ADJUSTABLE, IN SETS

Wrought Steel, Highly Tempered and Finished, Hardened Jaws, Polished and Nickel Plated.

Per Set

No. 102—Elgin Wrench Set, Containing One No. 100 Elgin Wrench, 1 Rethreading Attachment having a ¼ in. Square Insert for Taps, 5 Rethreading Dies of U. S. Standard Bolt Thread, One Each ¼, ⅜, ½, ⅝ and ¾ in. in 8¾x3⅜x1⅜ in. Strong Ebony Finish Wood Box, Weight Per Set About 1⅝ Lbs.. . $5 90

One Set in a Box

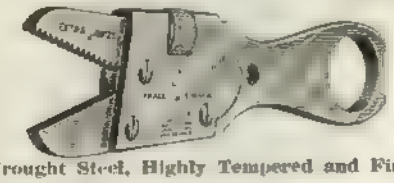
Wrought Steel, Highly Tempered and Finished, Hardened Jaws, Polished and Nickel Plated.

Per Set

No. 103—Elgin Wrench Set, Containing One No. 100 Elgin Wrench, 1 Rethreading Attachment having a ¼ in. Square Insert for Taps, 5 Rethreading Dies of U. S. Standard Bolt Thread, One Each ¼, ⅜, ½, ⅝ and ¾ in., in 7¾x2¾x1¾ in. Leather Roll, Weight Per Set About 1½ Lbs.....$5.90

One Set in a Roll.

NEW ELGIN ADJUSTABLE



Ratchet Threading Attachment.

Wrought Steel, Highly Tempered and Finished, Interchangeable Hardened Jaws, Polished and Nickel Plated.

Per Dozen

No. 100—7 in. Long, 1⅞ in. Wide, Holds Pipe ⅛ to ¾ in. and Round Iron ¼ to ¾ in. without Threading Attachment, Weight Per Dozen About 8 Lbs.....$13.35

No. 101—Same as No. 100, with Interchangeable Ratchet Threading Attachment (a Holding Plate, with One Die Any Size, ¼, ⅜, ½, ⅝ or ¾ in.), Weight Per Dozen About 8 Lbs. $6 65

When Ordering No. 101 Wrench, State Size of Die Wanted

The New Elgin Wrench is made to do the work any 8 in. Wrench will do, whether pipe or nut wrench. The re-threading attachment with interchangeable dies is entirely new. It is a Ratcheting Attachment and will re-thread damaged bolts in corners and angles without removing the bolt from its position to a vise

EXTRA DIES

For New Elgin Wrench

Inches	¼	⅜	½
Per Doz	$6 70	6.70	6 70	6 70	6 70	6 70

Weight Per Dozen About 1½ Pounds

One Dozen in a Box

EXTRA INSERTS

For New Elgin Wrench

	Square		Hexagon	
Inches	¼	½	¾	½
Per Dozen	$6.70	6.70	6.70	6.70

Weight Per Dozen About 1½ Pounds

One Dozen in a Box.

EXTRA JAWS

For New Elgin Wrench.

Per Dozen

No. 10—Interchangeable, Hardened Steel, Nickel Plated.. $3 35

Weight Per Dozen About 1 Pound

Will make an Old Wrench as good as new

One Dozen in a Box.

Ratchet Wrenches

WIZARD

Drop Forged Blued Steel, Adjustable Hardened Jaws, Right or Left Action.

Per Dozen

No. 165—8 in. Long, Jaws Open 1 in., Weight Per Dozen 25 Lbs. $26 05

This Wrench is especially adapted around Automobiles, Engines and Machinery or in close quarters where no other wrench can be used

One-twelfth Dozen in a Box

Nut Wrenches

LIGHTNING

For Bit Brace Use, Hollow Shank, Gun Lock Finish, For Square and Hexagon Nuts. Per Set

No. 5—In Set of 5 for ¼, ⅜, ½, ⅝ and ¾ in. Nuts, Weight Per Set 2 Lbs.....$2.12

Each

No. 5—Separate Sizes, Weight Each ⅜ Lbs..... .45

These Wrenches are very efficient in putting on and taking off nuts in Carriage Work, Automobile Repairing, etc.

Open Stock

No. 10—Malleable Iron, for Bit Brace Use, for Square Nut.

Take Nut, In.	¼	⅜	½	⅝	¾
Opening, In..	½	⅝	¾	⅞	⅞
Each	$0.14	.14	.14	.14	.14

Weight Per Dozen About 2 Pounds

Per Set

No. 10—In Sets, One Each ¼, ⅜, ½, ⅝ and ¾ in., Weight Per Set ¾ Lb.....$0.55

Open Stock

Wrenches.

ADJUSTABLE ENGINEERS'

No. 350—CRESCENT, Drop Forged Steel, Hardened, Oil Finished, Polished Jaws.

Length, Inches	4	6	8	10
Jaws Open, Inches	½	⅝	¾	1⅛
Ap. Wt Per Dozen, Lbs.	1½	4	8	14
Per Dozen	$10.00	11.55	14.25	17.80
Length, Inches		12	15	18
Jaws Open, Inches		1⅜	1⅝	2⅛
Ap. Wt. Per Dozen, Lbs.		24	52	84
Per Dozen		$22.25	28.45	40.00

One-twelfth Dozen in a Box.

CARLL

Drop Forged Steel, Hardened and Tempered, Oil Finished, Polished Jaws, Reversible Sliding Jaw.

Nos.	606	610
Length, Inches	6	10
Jaws Open, Inches	1¼	1¾
Approx. Weight Per Dozen, Lbs.	8	14
Per Dozen	$11.10	16.70

The Sliding Jaw being reversible, the Wrench can be used either as a Nut or Pipe Wrench. Sufficient depth is allowed in the Jaws to take Hexagon Nuts

One-twelfth Dozen in a Box.

ADJUSTABLE STRAIGHT HANDLE PERFECT HANDLE

No. 642—Drop Forged Steel, Adjustable Polished Sliding Jaw, Natural Finish Waterproof Wood Handle.

Length, Inches	6	8	10
Jaws Open, Inches	¾	1⅛	1⅝
Ap. Weight Per Dozen, Lbs.	6	14	23
Per Dozen	$11.10	13.90	16.70

This Thin Head Wrench is especially adapted for Motorists and Machinists and for places where the ordinary Wrench will not enter

One-half Dozen in a Box

ADJUSTABLE "S" PERFECT HANDLE

No. 641—Drop Forged Steel, Adjustable Polished Sliding Jaw, Natural Finish Waterproof Wood Handle.

Length, Inches	6	8	10
Jaws Open, Inches	⅞	1⅛	1⅝
Ap. Weight Per Dozen, Lbs.	6	14	23
Per Dozen	$11.10	13.90	16.70

The water-proofed locked in and riveted perfect handle with the swell at the end admits of the most powerful leverage

One-half Dozen in a Box.

ROBINSON ADJUSTABLE "S"

No. 600—Drop Forged Steel, Tempered, Oil Finished, Polished Jaws.

Length, Inches	6	8	10
Jaws Open, Inches	¾	1⅛	1⅝
Ap Weight Per Dozen, Lbs.	6	14	23
Per Dozen	$12 00	15 00	20.00

One-half Dozen in a Box.

WESTCOTT ADJUSTABLE "S"

Drop Forged Steel, Hardened All Over, Polished Jaws and Handle, Black Web.

Nos.	406	408	410
Length, Inches	6	8	10
Jaws Open, Inches	⅝	¾	1⅛
Ap. Weight Per Dozen, Lbs.	5½	14	23
Per Dozen	$9.55	11.75	13 75

One-half Dozen in a Box

ADJUSTABLE "S"

No. 230—Drop Forged Steel, Sliding Jaw, Tempered, Jaw Ends Bright Finish, Japanned Handle.

Length, Inches	6	8	10	12	14
Jaws Open, Inches	⅝	1	1⅜	1⅝	2
Ap. Wt. Dozen, Lbs.	5½	12	22	33	58
Per Dozen	$7.80	9.70	12 80	16.00	23.35

One-half Dozen in a Box.

ADJUSTABLE "S" PIPE

No. 250—Drop Forged Steel, Sliding Pipe Jaw, Tempered, Jaw Ends Bright Finish, Japanned Handle.

Length, Inches	6	8	10
Takes Pipe, Inches	⅛ to ½	⅛ to ¾	⅛ to 1
Ap. Weight Per Dozen, Lbs.	5½	13	23
Per Dozen	$8 90	10 90	14 50

One-half Dozen in a Box.

Combination S Wrench.

Drop Forged Steel, Tempered, Polished Jaws, Milled Teeth, Ground and Hardened, Blued Finish.

Per Dozen

No. 200—7¾ In. Long, Jaws Will Take ⅛ to 1¼ In Pipe, Threads ⅜-18, ⅝-16 and ½-13 U. S. Standard, Weight Per Dozen About 11 Lbs. . . $5 80

Designed as a Handy Pocket Tool for use around the Farm or Automobile. The tipped holes in the center are made to restore or clean threads on bolts that have become battered

One-half Dozen in a Box

Alligator Wrenches.

Drop Forged Steel, Oil Tempered, Natural Finish.

No.	1
Length, Inches	5¾
Holds Pipe, Inches	⅛ to ⅜
Holds Round Iron, Inches	¼ to ⅜
Ap. Wt. Per Dozen, Lbs.	3¾
Per Dozen	$1 35

One Dozen in a Box

Drop Forged Steel, Polished Ribs, Oil Tempered, Natural Finish.

Nos.	10	15
Length, Inches	5⅝	7⅞
Holds Pipe, Inches	⅛ to ⅜	⅛ to ⅝
Holds Round Iron, In.	¼ to ⅜	⅜ to 1⅛
Ap. Wt. Dozen, Lbs.	4½	9½
Per Dozen	$2.25	3.90

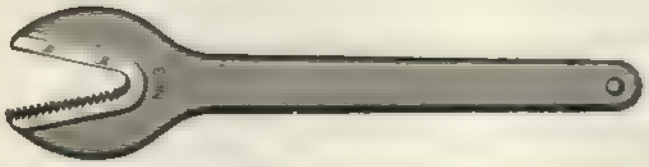
One Dozen in a Box.

Drop Forged Steel, Polished Ribs, Solid Handle, Oil Tempered, Natural Finish.

No.	2
Length, Inches	9
Holds Pipe, Inches	⅜ to ¾
Holds Round Iron, Inches	½ to 1
Ap. Wt. Per Dozen, Lbs.	12
Per Dozen	$6.00

One Dozen in a Box

Alligator Wrenches.



Drop Forged Steel, Polished Ribs, Solid Handle, Oil Tempered, Natural Finish.

Nos.	3	4
Length, Inches	16	22
Holds Pipe, Inches	½ to 1¼	1¼ to 2
Holds Round Iron, Inches	⅝ to 1⅝	1½ to 2½
Ap. Weight Per Dozen, Lbs.	40	80
Per Dozen	$12 00	18 00

Open Stock

Always Ready Wrenches.

Drop Forged Steel, Polished and Nickel Plated.

Nos.	1AR	2AR	3AR
Length, Inches	5	7	11
Holds Nut or Pipe, Inches	⅛ to ⅝	¼ to 1¼	¾ to 1¾
Ap. Wt Per Dozen, Lbs.	6	12	34
Per Dozen	$4.10	5.60	13 35

One-half Dozen in a Box

Wrench Attachments.

YANKEE

Forged Steel, Tempered and Polished, Milled Teeth, with Thumb Screws.

No. 3—Attachment

Per Dozen Pairs

No. 3—For 6 to 15 in. Standard Wrenches, Length 3⅛ in., Width ⅝ in., Thickness ⅛ in., Holds Pipe ⅛ to 2 in., Weight Per Dozen About 3½ Lbs. $4.45

No. 1—For 6 to 21 in. Standard Wrenches, Length 3⅝ in., Width ¾ in., Thickness ⅛ in., Holds Pipe ⅛ to 4 in., Weight Per Dozen About 5 Lbs. 5 60

Makes a Monkey Wrench a Pipe Wrench.

No. 3, One-half Dozen on Card; No. 1, One Dozen in a Box

Wrenches.

GENERAL PURPOSE

Drop Forged, Milled Openings, UNFINISHED.

Nos.	1000	1010	1020	1030	1040
Length, Inches	6 1/4	7 1/8	8 1/4	9 1/4	10 5/8
Opening, Inches	3/8 & 1/2	1/2 & 5/8	5/8 & 3/4	3/4 & 7/8	7/8 & 1
For Mfg. Std'd Nuts	1/4 & 1/4	1/4 & 5/16	5/16 & 3/8	3/8 & 7/16	7/16 & 1/2
Thickness Head, In.	3/16	1/4	5/16	3/8	7/16
Ap. Wt. Doz., Lbs.	2	3 1/2	5 1/4	8	12
Each	$0.11	.14	.18	.23	.28

Nos. 1000 to 1020, One Dozen; Nos. 1030 and 1040, One-half Dozen in a Pasteboard Box.

Per Set

No. 1000P—Unfinished General Purpose Wrenches, in Sets, One Each, Nos. 1000, 1010, 1020, 1030 and 1040 Wrenches, in Pasteboard Box, Weight Per Set About 2 1/2 Lbs $0 80

Drop Forged, Case Hardened, Milled Openings, SEMI-FINISHED.

Nos.	500	501	502
Length, Inches	6 1/4	7 1/8	8 1/4
Opening, Inches	3/8 & 1/2	1/2 & 5/8	5/8 & 3/4
For Manufact. Standard Nuts, In.	1/4 & 1/4	1/4 & 5/16	5/16 & 3/8
Thickness of Head, Inches	3/16	1/4	5/16
Approx. Weight Per Dozen, Lbs.	2	3 1/2	5 1/4
Each	80 16	.20	.27

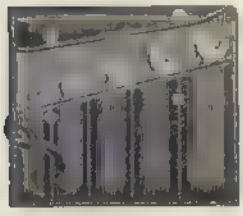
Nos.	503	504	505C
Length, Inches	9 1/4	10 5/8	12
Opening, Inches	3/4 & 7/8	7/8 & 1	1 1/8 & 1 1/4
For Manufact. Standard Nuts, In.	3/8 & 7/16	7/16 & 1/2	1/2 & 5/8
Thickness of Head, Inches	5/16	1/4	1/2
Approx. Weight Per Dozen, Lbs.	8	12	15
Each	$0.34	.41	.45

Nos 500 to 502, One Dozen; Nos. 504 and 505, One-half Dozen in a Pasteboard Box.

Per Set

No. 500P—Semi-Finished General Purpose Wrenches, in Sets, One Each, Nos. 500, 501, 502, 503 and 504 Wrenches, in Pasteboard Box, Weight Per Set About 2 1/2 Lbs $1.40

Wrenches in Sets.



GENERAL PURPOSE

In Canvas Bag.

Per Set

No. 500C—Semi-Finished, Drop Forged Case Hardened, Milled Openings in Sets, One Each, Nos. 500, 501, 503 and 504, Packed in Duck Bag, Weight Per Set About 2 1/2 Lbs. $1.50

No. 1000C—Unfinished, Drop Forged, Case Hardened, Milled Openings, in Sets, One Each Nos 1000, 1010, 1020, 1030 and 1040 Wrenches, Packed in Duck Bag, Weight Per Set About 2 1/2 Lbs 1.00

For use around Automobiles, Carriages, Wagons and Farm Implements, also for General Purposes where light and strong Wrenches are desired.

One Set in a Bag.

GENERAL SERVICE SET

Drop Forged Steel, For Light Work, with 12 Milled Openings, For Popular Screw and Nut Sizes.

Per Set

No. 3—Full Finished, Containing 6 Wrenches, Sizes as Shown Below, in Canvas Bag. $3 25

Contents of Set:

Milled Openings, Inches	5/16 & 3/8	1/2 & 5/8	5/8 & 11/16
Length, Inches	6 1/4	7 1/8	8 1/4
Thickness, Inches	3/16	1/4	5/16
Milled Openings, Inches	3/4 & 13/16	7/8 & 1	1 1/8 & 1 1/4
Length, Inches	9 1/4	10 5/8	12
Thickness, Inches	3/8	7/16	1/2

Weight Per Set About 4 1/2 Pounds.

One Set in a Bag

ORIGINAL EXTRA CAPACITY SET BIG SIX

Drop Forged Steel, with Milled Openings for 15 Popular U. S. Standard Nuts and Cap Screws. Per Set

No. 4—Full Finished, Containing 6 Wrenches as Described Below in Canvas Bag. $3.70

Contents of Set:

For Nuts Diam. Bolts		For Cap Screws Diam. Screws		Openings Milled U. S. Standard In.	Extreme Length In	Thickness Heads In.
Small H'd	Large H'd	Small H'd	Large H'd			
... 1/4	1/4	5/16		3/8 & 1/2	4 7/8	3/16
... 3/8	3/8	...		1/2 & 11/16	5 5/8	1/4
5/16	5/16	...	...	9/16 & 3/4	6 7/8	11/32
... ...	7/16	1/2		5/8 & 3/4	6 7/8	11/32
1/2	5/8	5/8	...	7/8 & 1 1/16	7 3/4	1/2
... 5/8	3/4	3/4	1	1 & 1 1/4	11 1/2	5/8

Weight Per Set About 5 Pounds

One Set in a Bag

AUTOMOBILE SET

Drop Forged Steel, with Openings Milled for A. L. A. M. Standard Nuts and Cap Screws. Per Set

No. 5—Full Finished, Containing 5 Wrenches as Described Below in Canvas Bag. $3 30

Contents of Set:

For A.L.A.M. Standard Nuts and Cap Screws Diameter Bolts and Screws, In.	Openings Milled In.	Extreme Length In	Thickness Heads In
1/4 & 5/16	3/8 & 1/2	4	1/4
3/8 & 7/16	7/16 & 9/16	5 1/8	5/16
1/2 & 5/8	5/8 & 7/8	7 3/4	3/8
5/8 & 11/16	11/16 & 1	8 3/4	7/16
3/4 & 7/8	1 1/8 & 1 3/16	11 1/2	1/2

Weight Per Set About 4 Pounds

One Set in a Roll.

PONY CARRIAGE MAKERS' SET

Drop Forged Steel, for Light Work, with Openings for Manufacturers' Standard Nuts. Per Set

No. 21—Full Finished, Containing 3 Wrenches as Described Below in Canvas Bag. $1.55

Contents of Set:

For Manufacturers Standard Nuts, Size Bolts	Openings Milled In.	Extreme Length In.	Thickness Heads In
3/8 & 1/4	1/2 & 9/16	6 1/4	1/2
7/16 & 5/16	5/8 & 11/16	8 1/4	5/8
1/2 & 3/8	11/16 & 3/4	10 5/8	3/4

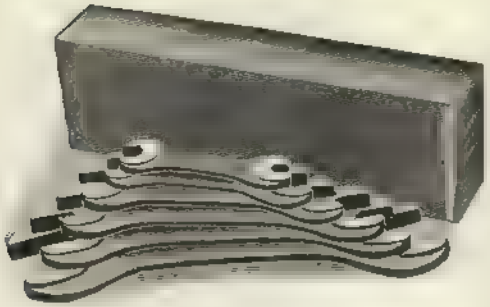
Weight Per Set About 2 1/2 Pounds

One Set in a Roll.

Malleable Wrenches.

BONNEY'S

MACHINERY SET



Malleable Iron, Polished Heads, with 12 Openings from ⅜ to 1¼ in. by Sixteenths.

Per Set

No. 133—Set Contains 6 Malleable Machinery Wrenches as Described Below, Weight Per Set About 2 Lbs. **$0.75**

Contents of No. 133 Set.

Opening, In.	⅜ & 7/16	½ & 9/16	⅝ & 11/16	¾ & 13/16	⅞ & 1	1⅛ & 1¼
Length, In..	3⅝	4⅛	5⅛	6⅛	7⅛	8⅛

One Set in a Carton.

Each Case of 24 Sets contains a Shop Cap and a Sample Bonney "Jack Rabbit" Wrench, a very hand tool containing openings for 8 different sizes of nuts

Weight Per Case About 55 Pounds.

24 Sets in a Case

GENERAL PURPOSE SET

Malleable Iron, Polished Heads with 10 Openings ⅜ to 1⅛ in.

Per Set

No. 33—Set Contains 5 Malleable General Purpose Wrenches as Described Below, Weight Per Set About 2⅛ Lbs. **$0.75**

Contents of No. 33 Set.

Opening, In..	⅜ & ½	7/16 & ⅝	9/16 & ¾	11/16 & ⅞	13/16 & 1⅛
Length, In...	5½	6½	7⅝	8⅝	9¼

One Set in a Carton

With each Case of 24 Sets is enclosed a Shop Cap and a Sample of "Bonney Box Tool" which is strong enough to open the heaviest case

Weight Per Case About 60 Pounds

24 Sets in a Case.

Eagle Claw Wrenches.

90 Degree Wrench, Tool Steel, Hand Hammered, Black Finish.		
Nos.	40	60
Length, Inches	10	13
Will Take Pipe, Inches	1	1¼
Will Take Square Object, Inches	1⅛	2
Approx. Weight Per Dozen, Lbs.	16	26
Per Dozen	$18.00	23.50

45 Degree Wrench, Tool Steel, Hand Hammered, Black Finish.		
Nos.	30	50
Length, Inches	7	10
Will Take Pipe, Inches	⅛	1
Will Take Square Object, Inches	1	1⅛
Approx. Weight Per Dozen, Lbs.	9	16
Per Dozen	$18 50	18.00

The Eagle Claw Wrench will easily hold a Round Headed Bolt by the Head to prevent it from turning while unscrewing the nut Acts as a Plier and does work Pliers cannot do, holding round, square, oblong, hexagon and other shaped objects firmly. Can be used as Pipe Wrench Unexcelled for Automobile Owners, Mechanics, Repair Men, etc.

One-half Dozen in a Box.

Pipe Wrenches.

BEMIS & CALL'S COMBINATION

No. 43—One Piece Forged Steel Head, Bar and Shank, Interchangeable Parts, Bright, with Short Nut, Hardwood Handle.

Length, Inches	10	12	15
Holds Pipe Inches	¼ to 1	½ to 1¾	½ to 2¼
Ap Weight Per Dozen, Lbs.	26	40	55
Per Dozen	$26.80	29.85	42.30

Each

Extra Dogs—For No. 43 ..... **$0 45**

One-half Dozen in a Box

No. 45—One Piece Forged Steel Head, Bar and Shank, Interchangeable Parts, Bright, with Long Nut, Hardwood Handle.

Length, Inches	10	12	15
Holds Pipe, Inches	¼ to 1	½ to 1¾	½ to 2¼
Ap. Weight Per Dozen, Lbs.	26	40	55
Per Dozen	$28.90	32.60	46.30

Each

Extra Dogs—For No. 45 ..... **$0 45**

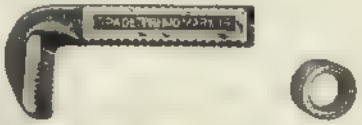
One-half Dozen in a Box

Pipe Wrenches.

NEW TRIMO

6 to 14 in. Wood Handle.

18 to 48 in. Steel Handle.



Extra Jaws and Nuts

Drop Forged Steel, with Nut Guard, Polished Head and Jaws, All Parts Interchangeable.

Length, Open, In..	6	8	10	14	18	24	36	48
Takes Pipe, In .	⅛ to ½	⅛ to ¾	⅛ to 1	¼ to 1½	¼ to 2	¼ to 2½	½ to 3½	1 to 5
Weight Each, Lbs.	½	¾	1½	2¾	4½	7½	16	24
Each	$1.05	1 05	1.20	1 60	2 10	3 20	6 35	9.45

6 to 24 in., Six in a Box; 36 and 48 in., Two in a Box

EXTRAS FOR NEW TRIMO PIPE WRENCHES

Extra Movable Jaws.

For Wrenches, In.	6	8	10	14	18	24	36	48
Weight Each, Oz.	⅛	⅛	⅛	1	1⅛	2	2⅝	7¼
Each	$0.40	.40	.45	.58	.70	1.10	2.55	3 85

Extra Insert Jaws.

For Wrenches, In...	6	8	10	14	18	24	36	48
Weight Each, Oz....	½	⅝	1	2½	3½	5½	9	16
Each	$0 20	.20	.25	.32	.35	.40	60	.75

Open tSock.

Extra Frames.

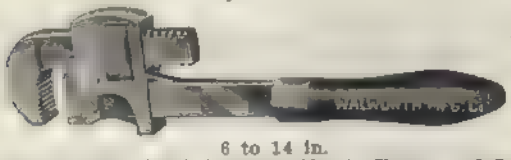
For Wrenches, In...	6	8	10	14	18	24	36	48
Weight Each, Lbs. .	⅛	⅛	⅛	⅜	½	⅝	1½	2
Each	$0 20	.20	.22	.27	30	.45	.70	.80

Extra Nuts.

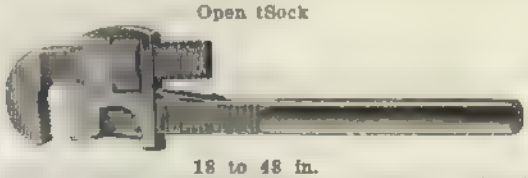
For Wrenches, In...	6	8	10	14	18	24	36	48
Weight Each, Oz....	¾	⅛	1⅛	2½	3¼	4½	13	16
Each	$0 07	07	.09	.10	.12	.20	.30	.52

Open tSock

STILLSON'S



6 to 14 in.



18 to 48 in.

Drop Forged Tool Steel, Polished Shank, Frame and Jaws, 6 to 14 in. Have Ebony Finish Hardwood Handle, with Shank Extending Through and Nut on End, 18 to 48 in. Have Solid Steel Handle, All Parts Interchangeable.

Length, Open, In..	6	8	10	14	18	24	36	48
Takes Pipe, In .	⅛ to ½	⅛ to ¾	⅛ to 1	¼ to 1½	¼ to 2	¼ to 2½	½ to 3½	1 to 5
Weight Each, Lbs.	½	¾	1½	2¾	4½	7½	16	24
Each	$1 00	1.00	1.15	1.50	2.00	3.00	6.00	9.00

6 to 24 in., Six in a Box; 36 and 48 in., Open Stock.

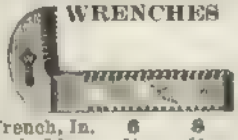
EXTRA FRAMES FOR STILLSON'S WRENCHES

For Wrench, In..	6	8	10	14
Weight Each, Lbs.	⅛	¼	⅛	½
Each	$0.20	.20	.23	.28

For Wrench, In..	18	24	36	48
Weight Each, Lbs.	½	¾	1½	2
Each	$0.32	.45	.72	.85

Open Stock.

EXTRA JAWS FOR STILLSON'S WRENCHES



For Wrench, In.	6	8	10	14
Wt. Each, Lbs.	⅛	¼	½	⅞
Each	$0 43	.43	.45	.56

For Wrench, In.	18	24	36	48
Wt Each, Lbs.	1⅝	2½	4½	7¼
Each	$0.76	1.18	2.70	4.05

Open Stock.

EXTRA NUTS FOR STILLSON'S WRENCHES

For Wrench, In..	6	8	10	14
Weight Each Oz..	¼	½	1¼	2½
Each	$0 10	.10	.12	.12

For Wrench, In..	18	24	36	48
Weight Each, Oz..	3¼	4½	13	16
Each	$0.13	.20	.32	.55

Open Stock.

COCHRAN

Crucible Tool Steel, Polished Head and Jaw, Black Steel Handle.

Length, Inches....	6	8	10	14
Takes Pipe, In .	⅛ to ½	⅛ to ¾	⅛ to 1	¼ to 3½
Weight Each, Lbs.	½	¾	1½	3
Each . . .	$1.05	1 05	1 20	1 60

Length, Inches....	18	24	36
Takes Pipe, In....	⅛ to 3	¼ to 2½	½ to 3½
Weight Each, Lbs.	5	7½	16
Each	$3.10	3.20	6.35

6 to 24 in., Six in a Box; 36 in., Two in a Box.

EXTRA PARTS FOR COCHRAN

For Wrench, Inches....	6	8	10	14	18	24	36
Hook Jaw.....Each,	$0 85	.35	.40	.58	.70	1.08	2.10
Inserted Jaw.....Each,	.14	.14	.18	.27	.30	.38	.58
Rockers .....Each,	.15	.15	.16	.22	.27	.35	.70
Nuts .. Each,	.11	11	.16	20	.28	.30	.35
Springs .....Each,	.06	.08	.09	.10	.12	.14	.23

PERFECT HANDLE

No. 643—Drop Forged Steel, Polished Jaws and Frame, Waterproof Natural Finish Wood Handle.

Length, Inches	8	10	14
Takes Pipe, Inches	⅛ to ¾	⅛ to 1	¼ to 1½
Weight Each, Lbs.....	⅞	1½	3½
Each	$1.12	1.25	1 70

Length, Inches	18	24
Takes Pipe, Inches.....	¼ to 2	¼ to 2½
Weight Each, Lbs.....	5½	8½
Each	$2.25	3.35

8 to 14 in., Six in a Box; 18 in., Four in a Box.

EXTRA PARTS FOR PERFECT HANDLE

For Wrench, Inches.....	8	10	14	18	24
Movable Hook.....Each,	$0.45	.50	.56	.75	1.20
Knurled Nut .....Each,	.07	.09	.11	.13	.22
Frame or Rocker.....Each,	.23	.25	.30	.35	.50
Spring ... .Each,	02	.02	.03	.03	.03

Open Stock.

Pipe Tongs.

BROWN'S ADJUSTABLE

Forged Tool Steel, Natural Finish, Tempered Jaws, Adjusted by Heavy Wrought Steel Screw.

Nos.	1	1½	2
Length, Inches	14	16	20
For Pipe, Inches	⅛ to ⅜	⅜ to 1	½ to 1¼
Weight Each, Lbs.	3	5	7½
Each	$1 25	1 56	1 80

Nos.	3	4	5
Length, Inches	34	36	42
For Pipe, Inches	1 to 2	1½ to 3	2½ to 4
Weight Each, Lbs.	12	23	32
Each	$2 60	5 60	13 25

Open Stock.

Pipe Cutters.

TRIMO

Drop Forged Frame and Cutting Wheels.

Nos.	T1	T2	T3
Cuts Pipe, Inches	⅛ to 1¼	½ to 2	1¼ to 3
Length, Inches	15¾	17½	19½
Weight Each, Lbs	4¾	5½	7½
Each	$3 40	4.50	7 50

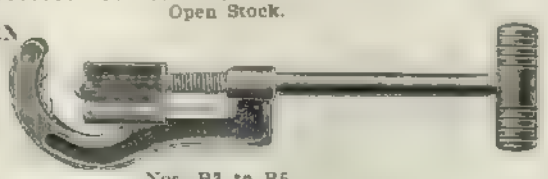
EXTRA CUTTER WHEELS FOR TRIMO PIPE CUTTERS

Nos.	T01	T02	T03
For Cutter No.	T1	T2	T3
Weight Each, Oz.	9	15	20
Each	$0 27	.27	.36

Open Stock.

BARNES' PATTERN

Nos. B1 and B2



Nos. B3 to B5

Hardened Steel Screw and Frame, Forged Steel Cutters, Tempered and Oil Finished, Japanned Handle.

Nos.	B1	B2	B3	B4	B5
Cuts Pipe, Inches	⅛ to 1	½ to 2	1½ to 3	2½ to 4	4 to 6
Length, Inches	13	16	21	25	34
Weight Each, Lbs.	3	5	8½	13½	20
Each	$2.00	2.70	4.50	9.00	13 50

EXTRA CUTTER WHEELS FOR BARNES' PATTERN PIPE CUTTERS

Without Pins.

Nos.	B01	B02	B03	B04	B05
For Cutter No.	B1	B2	B3	B4	B5
Weight Per Dozen, Oz.	12	14	24	24	36
Each	$0 13	.15	.20	.25	.40

Open Stock.

SAUNDER'S PATTERN

Malleable Iron Frame, Tool Steel Cutters, Swing Block with Tool Steel Wearing Point.

Nos.	S1	S2	S3	S4
Cuts Pipe, Inches	⅛ to 1	1 to 2	2 to 3	2½ to 4
Length, Inches	16	20	26	28
Weight Each, Lbs.	3½	6½	12½	16
Each	$1 50	2.25	5.50	9 00

Open Stock

EXTRA CUTTER WHEELS FOR SAUNDER'S PIPE CUTTERS

Without Pins.

	Each		Each
No. S01—For No. S1 Cutter, Weight Each About 2 Oz.	$0 14	No. S03—For No. S3 Cutter, Weight Each About 2 Oz.	$0 35
No. S02—For No. S2 Cutter, Weight Each About 2 Oz.	.18	No. S04—For No. S4 Cutter, Weight Each About 2 Oz.	.35

Open Stock

Chain Pipe Wrenches.

VULCAN BIJAW

Drop Forged, Double End Reversible Jaws, Flat Link Chain, Interchangeable Parts.

Nos.	30	31	32	33	33½	34
Length, Inches	13¾	20	27	37	44½	50½
For Pipe, Inches	⅛ to ¾	⅛ to 1½	¼ to 2½	¾ to 4	1 to 6	1½ to 8
Length of Chain, Inches	9½	13½	17½	22½	31	39
Breaking Strain of Chain, Lbs.	3600	6700	9800	12500	14300	16700
Weight Each, Lbs.	1¾	5¾	10	16	24	31
Each	$2.80	3.90	5.60	7.80	10.00	12 25

EXTRA CHAINS

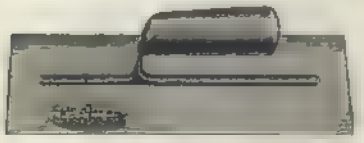
For Tongs, Nos.	30	31	32	33	33½	34
Each	$1 15	1 50	2.25	3 75	4 90	6 00

EXTRA JAWS

For Tongs, Nos.	30	31	32	33	33½	34
Each	$1 50	2.65	4.10	6 00	7 15	8 25

Open Stock

Plastering Trowels



No. E500—Highest Grade Crucible Spring Steel, Highly Finished, Polished and Etched, Polished Malleable Iron Mountings, Ten Rivets, Stained Wood Handles.

Size, Inches	10½	11	11½	12
Width of Blade, Inches.	4¾	4¾	4¾	4¾
Ap. Wt. Per Dozen, Lbs.	13	14	15	16
Per Dozen	$33.85	34 45	35 55	36.65

The mounting on the Trowel extends to 1 in. of each end of blade

One-third Dozen in a Box

MARSHALLTOWN BROWNING

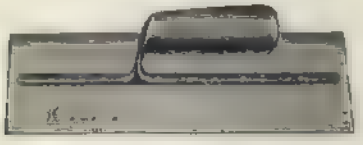
No. 200—22 Gauge Crucible Spring Steel, Hardened Mountings, Full Polished, Twelve Rivets, Plain White Handle.

Size, Inches	4¾x11	4¾x11½	4¾x12	5x11½	5x12
Ap. Wt Doz., Lbs.	12	13	13½	13½	14
Per Dozen	$40.00	40.00	40 00	40 00	40 00

The Mountings on this Trowel extend to ¼ in. of each end of blade

One-third Dozen in a Box.

BISHOP'S BROWNING



No. 66—22 Gauge, Crucible Flexible Steel, Taper Ground, Extra Long Malleable Mountings, Full Polished, Twelve Rivets, Patent Handle Fastening, Natural Wood Handle.

Size, Inches	10½	11	11½	12
Width of Blade, Inches.	4½	4¾	4¾	5
Ap. Wt. Per Dozen, Lbs.	12¼	13⅛	13½	14
Per Dozen	$42.20	44 50	46.65	48 85

One-third Dozen in a Box

DISSTON'S

No. 1—Highest Grade Crucible Steel, Tempered and Ground, Improved Screw Handle, 4 Rivets.

Length, Inches	10½	11	11½	12	12½	13
Width, Inches	4½	4⅝	4⅝	5	5	5
Ap. Wt Doz., Lbs.	11½	12	12½	13	14	15
Per Dozen	$22.60	25.10	27.50	30.45	33.35	35.75

One-half Dozen in a Box

MARSHALLTOWN FINISHING

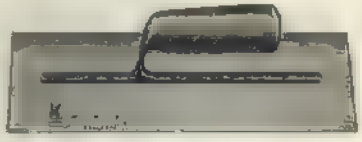
No. 100—23 Gauge Crucible Spring Steel, Hardened Mountings, Full Polished, Ten Rivets, Plain White Handle.

Sizes, Inches	4½x11½	4¾x11	4¾x11½
Ap. Wt. Per Dozen, Lbs.	11	12	13
Per Dozen	$40.00	40.00	40.00
Size, Inches	4¾x12	5x11½	5x12
Ap. Wt. Per Dozen, Lbs.	13½	13½	14
Per Dozen	$40.00	40.00	40.00

The mounting on this Trowel extends to 1 in. of each end of blade

One-third Dozen in a Box.

BISHOP'S FINISHING



No. 6—23 Gauge Crucible Flexible Steel, Taper Ground, Best Malleable Mountings, Full Polished, Ten Rivets, Patent Handle Fastening, Natural Wood Handles.

Size, Inches	10½	11	11½	12
Width of Blade, Inches.	4½	4¾	4¾	4¾
Ap. Wt. Per Dozen, Lbs.	12	13	13½	14
Per Dozen	$42.20	44.50	46.65	48 85

One-third Dozen in a Box.

BISHOP'S

No. 25—CINCINNATI PATTERN, Cast Steel, Warranted, Taper Ground from Center to Edges, 5 Rivets, Poplar Handle.

Length, Inches	11	11½
Width of Blade, Inches	4¾	4¾
Approx. Weight Per Dozen, Lbs.	13	14
Per Dozen	$19 50	20.25

One-third Dozen in a Box.

DISSTON'S

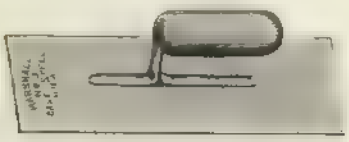
No. 2—Crucible Steel, Tempered and Ground, Plain Wood Handle, Riveted Mounting

Length, Inches	10½	11	11½	12	12½	13
Width, Inches	4½	4⅝	4¾	4⅞	5	5
No. of Rivets	3	3	4	4	4	4
Ap. Wt. Doz., Lbs.	11½	12	12½	13	14	16
Per Dozen	$20 15	22.20	23 85	25.90	27.95	29 60

One-half Dozen in a Box.

Plastering Trowels.

MARSHALL'S



No. 3—Cast Steel, Polished, Plain Wood Handle, 3 Rivets in Mounting.

Size, Inches	10	10½	11	11½	12
Width, Inches	4½	4½	4½	4½	4½
Ap. Wt. Doz., Lbs.	11	11½	12	12½	13
Per Dozen	$12.75	12.75	14.00	15.20	16.45

One-half Dozen in a Box

WOODROUGH & McPARLIN'S

No. 5—CINCINNATI PATTERN, Crucible Steel Blade, Ground and Tempered, Plain Wood Handle, Riveted Mounting.

Sizes, Inches	11	11½	12	12½	13
Width, Inches	4⅝	4⅞	5	5	5⅛
Ap. Wt. Dos., Lbs.	12	12½	13	14	15
Per Dozen	$20 80	21.60	22.40	24.00	25 60

One-half Dozen in a Box.

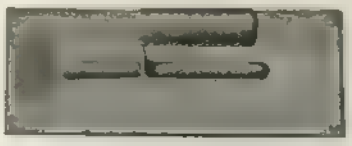
HANDY

No. 10—Polished, Cast Steel, Plain Wood Handle, 3 Rivets.

Size, Inches	10½	11
Width, Inches	4½	4½
Approx. Weight Per Dozen, Lbs.	14	14
Per Dozen	$5.00	5.00

One-half Dozen in a Box.

FARMERS'



No. 11—Polished Cast Steel, Plain Wood Handle, 3 Rivets.

Size, Inches	10
Width, Inches	4½
Approx. Weight Per Dozen, Lbs.	14
Per Dozen	$3.35

One-half Dozen in a Box

Cement Trowels.

IOWA SPECIAL

No. 250—22 Gauge Spring Steel, 4 Rivets, High Mountings, Plain Wood Handle.

Size, Inches	11	11¼
Width, Inches	4⅝	4¾
Approx. Weight Per Dozen, Lbs.	12½	13½
Per Dozen	$11.10	11.10

One-half Dozen in a Box

DISSTON'S

No. 118—Highest Grade Crucible Steel, Tempered and Accurately Ground. Thin Blades, 10 Rivets, Leather Grip Handle.

Size, Inches	11	11½	12
Width, Inches	4⅝	4⅞	5
Ap. Weight Per Dozen, Lbs.	14	14½	15
Per Dozen	$32.00	32.80	33.55

One-half Dozen in a Box.

DISSTON'S CEMENTERS' TROWELS

No. 20—High Crucible Steel, Tempered and Accurately Ground, Extra Heavy Blade, 16 Gauge, ⅞ in. Wide Mounting Extending to within 2 in. of Ends. 4 Rivets, Plain Wood Handle.

Size, Inches	11	11½	12
Width, Inches	4⅝	4⅞	5
Ap Weight Per Dozen, Lbs.	19½	21	22
Per Dozen	$26.55	28.50	30.85

One-half Dozen in a Box.

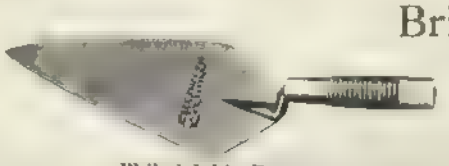
DISSTON'S CEMENT EDGING TROWELS

Crucible Steel Blade, Highly Tempered and Correctly Ground, Wood Handle.

Size, Inches	11	11½
Width, Inches	4⅝	4¾
Ap Weight Per Dozen, Lbs.	18	18
Per Dozen	$24.90	26 05

One-half Dozen in a Box

Brick Trowels.



Philadelphia Pattern.

No. E106—Best Quality Steel Taper Ground, Full Polished Blade, Polished Ferrule, Leather Handle

Length of Blade, Inches	10½	11
Width of Blade, Inches	5¾	6
Approx. Weight Per Dozen, Lbs.	15	18
Per Dozen	$24.50	25.00

One-half Dozen in a Box.

Milwaukee Pattern.

No. E107—Best Quality Steel, Taper Ground, Full Polished Blade, Polished Ferrule, Leather Handle.

Length of Blade, Inches	10½	11
Width of Blade, Inches	6⅛	6½
Approx. Weight Per Dozen, Lbs.	16	18
Per Dozen	$26.65	27.20

One-half Dozen in a Box.

MARSHALLTOWN

No. 15M—Best Quality Crucible Trowel Steel, Taper Ground, Straight Blades, Oil Tempered Spring Points, Extra Thin Full Polished Blades, Leather Handle

Blade, Inches	10x6	10½x6⅛	11x6½
Ap. Wt. Per Dozen, Lbs	14	14½	15
Per Dozen	$25 00	25 55	26 10
Blade, Inches		11½x6¼	12x6⅝
Ap. Wt. Per Dozen, Lbs.		15	16
Per Dozen		$26.65	27.20

One-half Dozen in a Box

JUDD'S PATTERN

London Pattern.

No. 23M—Forged Crucible Steel, Solid Shank, Polished Ferrule, Plain Wood Handle

Length Blade, Inches	9	9½	10	10½
Width, Inches	4⅝	4⅝	4¾	5
Ap. Wt. Per Dozen, Lbs.	13	13¼	13½	13¾
Per Dozen	$9 85	9.70	10.00	10.80
Length Blade, Inches	11	11½	12	12½
Width, Inches	5⅛	5¼	5⅜	5½
Ap. Wt. Per Dozen, Lbs.	14	14¼	14½	15
Per Dozen	$10.70	11.00	11 35	11.70

One-half Dozen in a Box.

DISSTON'S

London Pattern.

Polished Cast Steel, Solid Shank, Polished Steel Ferrule, Plain Wood Handle.

Lgth. Blade, Inches.	9	9½	10	10½	11
Width, Inches	4⅛	4⅛	4¼	4½	4¾
Ap. Wt. Doz., Lbs.	10	10	11	12	13
Per Dozen	$14.05	14.85	15.60	16.40	17.20
Lgth. Blade, Inches.		11½	12	12½	13
Width, Inches		4⅞	5	5⅛	5½
Ap Wt Doz., Lbs.		13	13	14	16
Per Dozen		$18.00	18.75	19.90	21 10

One-half Dozen in a Box.

Philadelphia Pattern.

Polished Cast Steel, Solid Shank, Polished Steel Ferrule, Plain Wood Handle

Length Blade, Inches	10	10½	11
Width, Inches	5	5	5½
Ap. Wt. Per Dozen, Lbs.	12	13	13½
Per Dozen	$17.20	18.00	18.75
Length Blade, Inches	11½	12	12½
Width, Inches	5½	5⅝	5½
Ap Wt. Per Dozen, Lbs.	14	14½	15
Per Dozen	$19.50	20.30	21.50

One-half Dozen in a Box.

ROSE'S

Philadelphia Pattern.

Forged Special Crucible Steel, Tempered, Ground and Polished, Solid Shank, Selected Hardwood Handle

Lgth Blade, Inches.	10	10½	11	11½	12	12½
Width, Inches	5⅛	5¼	5⅜	5⅝	5½	5¾
Ap. Wt. Doz., Lbs.	12	13	14	14½	15	16
Per Dozen	$20.90	21.65	22.45	23.20	24.00	24.75

One-half Dozen in a Box.

Milwaukee Pattern.

Forged Special Crucible Steel, Tempered, Ground and Polished, Solid Shank, Selected Hardwood Handle

Length Blade, Inches	10½	11
Width, Inches	6	6
Approx Weight Per Dozen, Lbs.	15	16
Per Dozen	$23 20	24.00

One-half Dozen in a Box

HANDY

Philadelphia Pattern.

Cast Steel, Polished, Riveted Shank, Plain Handle. Per Dozen

No. 20—10 in Long Blade, 4⅝ in. Wide, Weight Per Dozen About 8½ Lbs. $2 80

One-half Dozen in a Box.

Pointing Trowels

No. E40—Best Quality Steel, Ground and Polished, Solid Shank, Black Handle.

Blade, Inches	5	5½	6
Width Heel, Inches.	2⅝	2½	2⅝
Ap. Wt. Doz., Lbs..	2½	3¼	3½
Per Dozen	$5 60	5 80	6.10

One-half Dozen in a Box.

DISSTON'S

No. 15—Cast Steel Blade, Ground and Polished, Solid Shank, Plain Wood Handle.

Blade, Inches	5	5½	6
Width Heel, Inches.	2½	2½	2⅝
Ap. Wt. Doz., Lbs..	2¾	3	3
Per Dozen	$7.45	7 80	8.20

One-half Dozen in a Box.

JUDD'S PATTERN

No. 25—Cast Steel, Polished Solid Shank, Plain Wood Handle.

Blade, Inches	5	5½	6
Width Heel, Inches.	2½	2⅝	2¾
Ap. Wt. Doz., Lbs..	3¾	4	4
Per Dozen	$4 60	4.70	5.00

One-half Dozen in a Box

Pointing Trowels.

HANDY

Cast Steel, Polished, Riveted Shank, Plain Handle.

Per Dozen

No. 30—5 in. Long Blade, 2⅝ in. Wide at Heel, Weight Per Dozen About 3 Lbs.....$1.50

One Dozen in a Box.

Corner Trowels.

JUDD'S

Cast Steel Blade, Polished, Malleable Iron Shanks, Wood Handle

Per Dozen

No. 35—6 in. Long Blade, 2½ in. Wide Each Side, Weight Per Dozen About 10 Lbs.....$9.45

One-half Dozen in a Box

Plasterers' Cork Floats.

Made from One Thickness of Cork, Smoothed on Both Sides.

Per Dozen

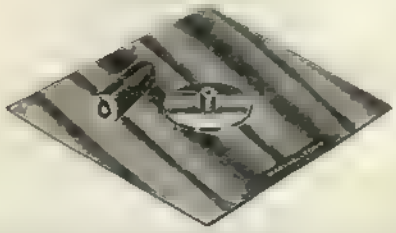
No. 5—12x5x1¼ in. Thick, Weight Per Dozen About 6 Lbs. .....$ 9.35

No. 6—12x6x1¼ in. Thick. Weight Per Dozen About 7½ Lbs. 10 00

Open Stock

Marshalltown Hawks

ALUMINUM

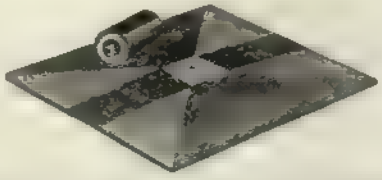


Hard Rolled Aluminum, Detachable Wood Handle, with 3¾ in. Flange with Hub Extending ⅞ in. to Receive Thread on Handle.

Nos.	1	2	3
Size Inches	13x13	13½x13½	14x14
Ap Wt Per Dozen, Lbs	21	22	23
Per Dozen	$37.75	40.09	41 10

One-quarter Dozen in a Box.

CEDAR



First Quality Cedar Dovetailed Cross Piece, Detachable Handle, with Bolt Running Clear Through Handle, Adding Strength to Hawk.

No.	22
Size, Inches	13½x13½
Approx Weight Per Dozen, Lbs	24
Per Dozen ..	$14.50

One-third Dozen in a Box.

Plasterers' Darbies.

ALUMINUM

Hard Rolled Aluminum.

Per Dozen

No. 2—3½x44 in., 18 in. Black Enameled Wood Rib, One Detachable Upright Enameled Wood Handle, Weight Per Dozen About 27 Lbs.....$40.00

One-half Dozen in a Box

WOOD

Straight Grained Cedar, Smooth Finish.

Per Dozen

No. 02—3½x44 in., 18 in. Rib, Detachable Upright Handle, Weight Per Dozen About 20 Lbs...$10.00

Open Stock.

Cement Workers' Tools

JOINTERS

Length 6 in., Width 2¾ in., Depth of Cut ½ in.

Each

No. 1 — Iron, Nickel Plated, Weight Each 1⅛ Lbs . $0 60
No. X01—Hardened Aluminum, Weight Each ⅝ Lb..... 1.35

Two in a Box.

JOINTERS

Length 9 in., Width 3 in., Depth of Cut ⅜ in.

Each

No. 3 — Iron, Nickel Plated, Weight Each 1½ Lbs .. $0.95
No. X03—Hardened Aluminum, Weight Each ¾ Lb..... 1.70

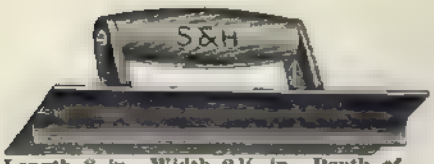
Two in a Box.

STRAIGHT EDGE JOINTER

Length 6 in., Width 3 in., Depth of Cut ⅛ in. Each
No. 5 — Iron, Nickel Plated, Weight Each 1¼ Lbs.....$0.65
No. X05—Hardened Aluminum, Weight Each ⅝ Lb..... 1.35
No. 05—Bronze, Weight Each 1⅝ Lb 1.70

Length 8 in., Width 1⅝ in., Depth of Cut ⅛ in. Each
No. 42 — Iron, Nickel Plated, Weight Each 1¼ Lbs.....$0 60
Two in a Box

JOINTER



Length 8 in., Width 2½ in., Depth of Cut ½ in. Each
No. 65 — Iron, Nickel Plated, Weight Each 1⅝ Lbs.....$0.85
No. X065—Hardened Aluminum, Weight Each 1⅞ Lbs . . 1.45
Two in a Box.

DRIVEWAY GROOVERS

U Groove, Length 9 in. Width 3 in., Depth of Cut ⅝ in.

Each

No. 7 — Iron, Nickel Plated, Weight Each 2 Lbs.....$0 95

Two in a Box.

DRIVEWAY GROOVERS

Length 8 in., Width 2½ in., Depth of Cut ⅝ in. Each
No. 66 — Iron, Nickel Plated, Weight Each 1⅝ Lbs.....$0.85
No. X066—Hardened Aluminum, Weight Each ⅞ Lb 1.45
Two in a Box

⅜ INCH EDGERS

Length 6 in., Width 2¾ in., with a ⅜ in. Radius.

Each

No. 2 — Iron, Nickel Plated, Weight Each 1⅛ Lbs.....$0.60
No. X02—Hardened Aluminum, Weight Each ⅝ Lb 1.30
Two in a Box

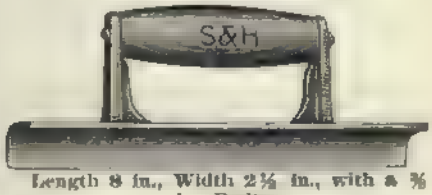
⅜ INCH EDGERS

Length 6 in., Width 1⅝ in., with a ⅜ in. Radius.

Each

No. 37 — Iron, Nickel Plated, Weight Each ¾ Lb.....$0.70
No. X037—Hardened Aluminum, Weight Each ½ Lb... .. 1 35
Two in a Box.

⅜ INCH EDGERS

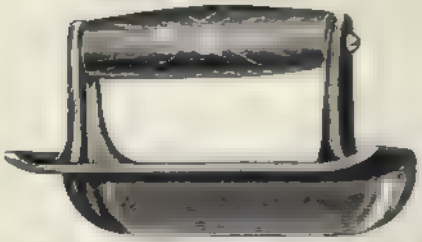


Length 8 in., Width 2½ in., with a ⅜ in. Radius.

Each

No. 64 — Iron, Nickel Plated, Weight Each 1⅛ Lbs... .$0.85
No. X064—Hardened Aluminum, Weight Each ½ Lb... . 1.45
Two in a Box

¾ INCH EDGERS



Length 6 in., Width 3 in., with a ¾ in. Radius.

Each

No. 4 — Iron, Nickel Plated, Weight Each 1⅝ Lbs.....$0 60
No. X04—Hardened Aluminum, Weight Each ⅛ Lb..... 1.35
Two in a Box

¾ INCH EDGERS

Length 8 in., Width 1¾ in., with a ¾ in. Radius.

Each

No. 39 — Iron, Nickel Plated, Weight Each 1¼ Lbs.....$0 80

Two in a Box.

¾ INCH EDGERS

Length 8 in., Width 2½ in., with a ¾ in. Radius.

Each

No. 63 — Iron, Nickel Plated, Weight Each 1¼ Lbs.....$0.85
No. X063—Hardened Aluminum, Weight Each ½ Lb.. ... 1 45
Two in a Box.

Cement Workers' Tools

CURBING EDGER

Length 6 in., Width 3½ in., with a 1¼ in. Radius.

	Each
No. 100—Iron, Nickel Plated, Weight Each 1⅝ Lbs.	$1.35
No. X0100—Hardened Aluminum, Weight Each ⅝ Lb.	1.70

Two in a Box

OUT-CURVE EDGER

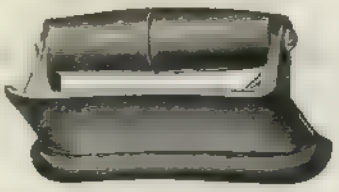
Length 5 in., Width 2 in., with a ⅜ in. Radius.

	Each
No. 58 — Iron, Nickel Plated, Weight Each ⅝ Lb.	$0.70

For making the outer crown or narrow sidewalks or stair approaches, where a very small circle is required

Two in a Box

IN-CURVE EDGER



Length 5 in., Width 2 in., with a ⅜ in. Radius.

	Each
No. 57 — Iron, Nickel Plated, Weight Each ⅝ Lb.	$1.70

For making the inner curve on narrow sidewalks or stair approaches, where a very small circle is required

Two in a Box

SQUARE EDGER

Length 6 in., Width 3 in., Depth of Edge 1½ in.

	Each
No. 17 — Iron, Nickel Plated, Weight Each 1⅝ Lbs.	$1.00
No. X017—Hardened Aluminum, Weight Each ⅝ Lb.	1.35

Two in a Box

CORNER TOOL

Length 6 in., Width of Sides 1½ in.

	Each
No. 6 — Iron, Nickel Plated, Weight Each 1 Lb.	$0.65
No. X06—Hardened Aluminum, Weight Each ⅞ Lb.	1.30
No. 06—Bronze, Weight Each 1⅝ Lbs.	1.65

Two in a Box

RADIUS TOOL

Length Over All 5½ in., with ⅜ in. Radius.

	Each
No. 23 — Iron, Nickel Plated, Weight Each ⅝ Lb.	$0.65
No. X023—Hardened Aluminum, Weight Each ⅞ Lb.	1.12
No. 023—Bronze, Weight Each ¼ Lb.	1.15

Two in a Box

CORRUGATING TOOL

Length 6 in., Width 4½ in., Makes Grooves ⅛ in. Deep, ⅜ in. Apart.

	Each
No. 44 — Iron, Nickel Plated, Weight Each 1½ Lbs.	$1.35
No. X044—Hardened Aluminum, Weight Each ¾ Lb.	2.00

Two in a Box.

CURB-GUTTER FINISHING TOOL

Length 6 in., Width of Sides 3 in., Sides Slightly Curved at Each End.

	Each
No. 26 — Iron, Nickel Plated, Weight Each 1½ Lbs.	$1.35
No. X026—Hardened Aluminum, Weight Each ⅞ Lb.	2.00

Two in a Box.

GUTTER TOOL

Length 6 in., for Making Gutter 1 in. Deep by 3½ in. Wide.

	Each
No. 8 — Iron, Nickel Plated, Weight Each 1½ Lbs.	$1 35
No. X08—Hardened Aluminum, Weight Each ⅝ Lb.	1 75

Two in a Box

RAISED (TUCK) POINTERS

Sizes ¼ in., ⅜ in. and ½ in.

	Each
No. 12—Iron, Nickel Plated, Weight Each ¼ Lb.	$0 60
No. X012—Hardened Aluminum, Weight Each ⅔ Lb.	1.12

Twelve in a Box.

CONVEX POINTERS

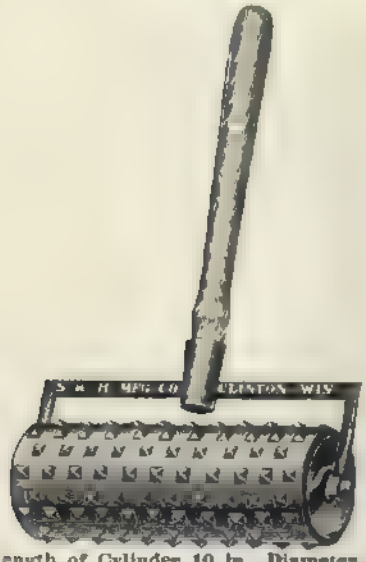
Sizes ¼ in., ⅜ in. and ½ in.

	Each
No. 61 Iron, Nickel Plated Weight Each About ⅜ Lb.	$0 60

Twelve in a Box

Cement Workers' Tools.

IMPRINT ROLLERS



Length of Cylinder 10 in., Diameter of Cylinder 4 in., 1 in. Distance Between Dots.

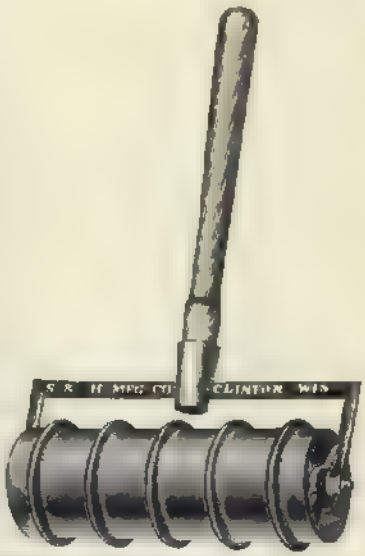
	Each
No. 13 — Iron, Nickel Plated, Weight Each 9¼ Lbs.	$4 60
No. 015—Bronze, Weight Each 10¾ Lbs	13 65

One in a Package.

Length of Cylinder 8 in., Diameter of Cylinder 3 in., ½ in. Distance Between Dots.

	Each
No. 70—Iron, Nickel Plated, Weight Each 5⅝ Lbs.	$ 8 00
No. 070—Bronze, Weight Each 7 Lbs	16 10

One in a Package.

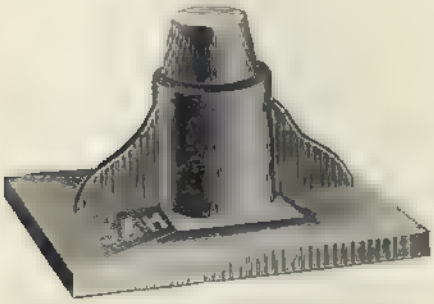


Length of Cylinder 10 in., Diameter of Cylinder 4 in., 2 in. Distance Between Grooves.

	Each
No. 16 — Iron, Nickel Plated, Weight Each 11⅛ Lbs.	$ 4 60
No. 016—Bronze, Weight Each 8 Lbs	13.65

One in a Package.

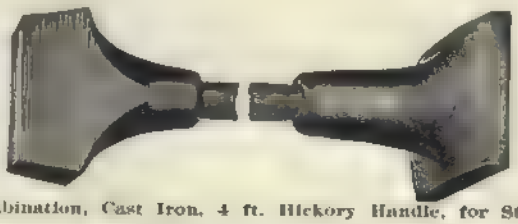
TAMPERS



Cast Iron, with 4 ft. Hickory Handle. For Walk and Driveway Work.

Nos.	3	4	5
Inches	10x10	8x10	8x8
Weight Each, Lbs.	22½	20	17
Each	$1.70	1.35	1.25

Open Stock.



Combination, Cast Iron, 4 ft. Hickory Handle, for Steps, Curbs and Small Work.

	Each
No. 2—Large End 3x4 in., Pein End 1x4 in., Weight Each 10½ Lbs.	$2 10

Open Stock

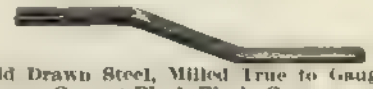
TILING TOOL

9 in. Long Over All.

	Each
No. 91—Iron, Nickel Plated, Weight Each 1 Lb.	$0.65

This Tool can be used with common lath for a straight edge and make a fine job as the Tool is under perfect control of the operator. It is used by plasterers to make imitation of tiling in bath rooms and similar places.

BEADING TOOLS



Made of Cold Drawn Steel, Milled True to Gauge, for Stone Range or Cement Block Work, Concave on One End and Convex on the Other.

Nos.	11	12	13	14
Size of Beads, Inches	1/8 & ¼	¼ & 5/16	5/16 & ⅜	⅜ & ½
Ap. Wt. Per Dozen, Lbs.	2	3	3½	6
Per Dozen	$7.80	7.80	7 80	7 80

One-half Dozen in a Box.

Moulders' Tools.

SQUARE TROWELS

Polished Steel Blade, Wood Handle.

Length of Blade, Inches		4½	5	5½	6	6½	7
Width of Blade 1 in	Per Dozen,	$ 8.00	8.80	9.60	10.40	. . .	....
Width of Blade 1¼ in	Per Dozen,	8.80	9.60	10.40	11.20	....	. . .
Width of Blade 1½ in	Per Dozen,	10.40	11.20	12.00	12.80	13.60	15.20
Width of Blade 1¾ in	Per Dozen,	.....	12.80	13.60	14.40	15.20	16.80
Width of Blade 2 in	Per Dozen,	.....	14.40	15.20	16.00	16.80	18.40

Approximate Weight Per Dozen About 6 Pounds

FINISHING TROWELS

No. 1.

No. 2.

Polished Steel Blade, Wood Handle.

Lgth. of Blade, Inches...	5	5½	6	6½	7
Blade 1¼ in . .Dozen,	$ 9 60	10.40	11.20	. ..	.....
Blade 1½ in . .Dozen,	11 20	12.00	12.80	13 60	15.20
Blade 1¾ in . .Dozen,	12 80	13.60	14.40	15.20	16.80

Polished Steel Blade, Wood Handle.

Lgth. of Blade, Inches...	5	5½	6	6½	7
Blade 1¼ in ..Dozen,	$ 9.60	10.40	11.20	....	.....
Blade 1½ in ..Dozen,	11.20	12 00	12 80	13 60	15 20
Blade 1¾ in... Dozen,	12.80	13.60	14 40	15 20	16.80

Approximate Weight Per Dozen About 6 Pounds

STOVE TOOL, Fig. 1, No. 1

Polished Steel.

Width, In..	⅝	½	⅝	¾	1
Dozen	$7.20	8.00	8.80	9.60	10.40

Weight Per Dozen About 2 Pounds

STOVE TOOL, Fig. 2, No. 2

Polished Steel.

Width, Inches	⅝	¾
Per Dozen	$6.40	7.20

Weight Per Dozen About 3 Pounds

STOVE TOOL, Fig. 3, No. 3

Polished Steel.

Width, Inches	⅝	¾
Per Dozen	$6 40	7.20

Weight Per Dozen About 2 Pounds.

STOVE TOOL, Fig. 4, No. 4

Polished Steel.

Width, Inches	¾
Per Dozen	$8.00

Weight Per Dozen About 2 Pounds.

STOVE TOOL, Fig. 5, No. 5

Polished Steel.

Width, Inches	⅝	¾
Per Dozen . .	$6.40	7.20

Weight Per Dozen About 2 Pounds

OVAL STOVE TOOL, Fig. 6

Polished Steel.

Width, Inches	¾
Per Dozen	$7 20

Weight Per Dozen About 2 Pounds

SLICK AND FLUTE, Fig. 7

Polished Steel.

Width, Inches	⅝
Per Dozen	$7.20

Weight Per Dozen About 2 Pounds.

SLICK AND BEAD, Fig. 8

Polished Steel.

Width, Inches	⅝
Per Dozen	$7 20

Weight Per Dozen About 2 Pounds

SLICK AND SPOON, Fig. 9

Polished Steel.

Width, Inches	⅝
Per Dozen	$7 20

Weight Per Dozen About 2 Pounds

Moulders' Tools

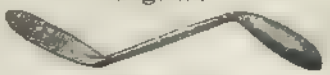
GATE CUTTER, Fig. 10

Polished Steel.

Width, Inches	½	⅝
Per Dozen	$8.00	8.80

Weight Per Dozen About 2 Pounds.

GATE CUTTER AND SPOON, Fig. 11



Polished Steel.

Width, Inches	1	1¼	1½
Per Dozen	$8.00	9.60	11.20

Weight Per Dozen About 2 Pounds

BENCH LIFTER, Fig. 12, No. 1

Polished Steel.

Width, Inches	⅜	½	⅝
Per Dozen	$4 80	5.60	7.20
Width, Inches	½	⅝	¾
Per Dozen	$8 00	8.80	9.60

Weight Per Dozen About 2 Pounds.

BENCH LIFTER, Fig. 13, No. 2

Polished Steel.

Width, Inches	⅜	½	⅝
Per Dozen	$6.40	7.20	8 00

Weight Per Dozen About 2 Pounds.

BENCH LIFTERS (BENT), Fig. 14

Polished Steel.

Width, Inches	⅜	½	⅝	¾
Per Dozen	$7.20	8.00	8.80	9.60

Weight Per Dozen About 2 Pounds.

YANKEE, Fig. 15

Polished Steel.

Width, In	½	⅝	¾	1
Per Dozen	$8.00	8 80	9 60	11.20

Weight Per Dozen About 2 Pounds.

YANKEE, Fig. 16, No. 2

Polished Steel.

Width, In	½	⅝	¾	1
Per Dozen	$8.00	8 80	9.60	11.20

Weight Per Dozen About 2 Pounds

BENCH LIFTER (BENT), Fig. 17, No. 2

Polished Steel.

Width, In	½	⅝	¾	1
Per Dozen	$8.00	8.80	9 60	11 20

Weight Per Dozen About 2 Pounds.

BENCH LIFTER, Fig. 18, No. 3

Polished Steel.

Width, In	⅜	½	⅝	¾
Per Dozen	$7.20	8.00	8 80	9.60

Weight Per Dozen About 2 Pounds.

BENCH LIFTER (BENT), Fig. 19, No. 3

Polished Steel.

Width, Inches	⅜	½	⅝
Per Dozen	$7.20	8.00	8 80
Width, Inches	¾	1	
Per Dozen	$9 60	11.20	

Weight Per Dozen About 2 Pounds.

LEAF AND SQUARE (SPECIAL), Fig. 20

Polished Steel, Double Curved Shank.

Blades, Inches	⅜x8
Length, Inches	10
Per Dozen	$10.40

Weight Per Dozen About 2 Pounds

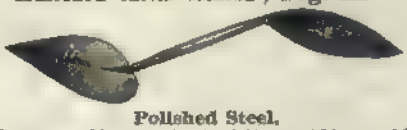
HEEL SLICK, Fig. 21

Polished Steel.

Blade, Inches	⅞x2¼
Heel, Inches	½x⅞
Length, Inches	8
Per Dozen	$10.40

Weight Per Dozen About 2 Pounds.

HEART AND LEAF, Fig. 22



Polished Steel.

Width, Inches	¾	1	1¼	1½	1¾	2
Per Dozen	$7 20	8.00	9.60	11.20	12 80	14.40

Weight Per Dozen About 2 Pounds.

HEART AND SQUARE, Fig. 23

Polished Steel.

Width, Inches	¾	1	1¼	1½	1¾	2
Per Dozen	$7.20	8.00	9.60	11.20	12 80	14 40

Weight Per Dozen About 2 Pounds.

TAPER AND SQUARE, Fig. 24, No. 1

Polished Steel.

Width, In	¾	1	1¼	1½
Per Dozen	$8.00	8.80	10.40	12.00

Weight Per Dozen About 2 Pounds.

TAPER AND LEAF Fig. 24½

Polished Steel.

Width, In	¾	1	1¼	1½
Per Dozen	$8.00	8.80	10.40	12.00

Weight Per Dozen About 2 Pounds.

TAPER AND SQUARE, Fig. 25, No. 2

Polished Steel.

Width, Inches	¾	¾	1
Per Dozen	$7.20	8 00	8.80
Width, Inches		1¼	1½
Per Dozen		$10.40	12.00

Weight Per Dozen About 2 Pounds.

Moulders' Tools.

TAPER AND SQUARE, Fig. 26, No. 3

Polished Steel.

Width, Inches	1
Per Dozen	$8 80

Weight Per Dozen About 2 Pounds

SLICK AND SQUARE SPOON, Fig. 27

Polished Steel.

Width, Inches	1⅛
Per Dozen	$9.60

Weight Per Dozen About 2 Pounds

TAPER AND SQUARE SPOON, Fig. 28

Polished Steel.

Width, Inches..	1	1¼	1½
Per Dozen...	$8.80	10.40	12 00

Weight Per Dozen About 2 Pounds

TAPER AND OVAL SPOON, Fig. 28½

Polished Steel.

Width, In..	¾	1	1¼	1½
Per Dozen.	$8.00	8 80	10.40	12 00

Weight Per Dozen About 2 Pounds

SLICK AND OVAL SPOON, Fig. 29

Polished Steel.

Width, In..	¾	1	1¼	1½
Per Dozen.	$8 00	8 80	10 40	12 00

Weight Per Dozen About 2 Pounds

HEART AND SQUARE SPOON, Fig. 30

Polished Steel.

Width, In..	1	1¼	1½	1¾
Per Dozen .	$8.00	9 60	11 20	12.80

Weight Per Dozen About 2 Pounds

HEART AND OVAL SPOON, Fig. 31

Polished Steel.

Width, In..	1	1¼	1½	1¾
Per Dozen..	$8.00	9 60	11.20	12.80

Weight Per Dozen About 2 Pounds

SPOON, Fig. 32, No. 1

Polished Steel.

Width, Inches...	1	1¼	1½
Per Dozen... ..	$8.00	9.60	11.20

Weight Per Dozen About 2 Pounds.

SPOON, Fig. 33, No. 2

Polished Steel.

Width, Inches...	1	1¼	1½
Per Dozen.....	$8.00	9.60	11.20

Weight Per Dozen About 2 Pounds.

SPOON, Fig. 34, No. 3

Polished Steel.

Width, Inches...	1	1¼	1½
Per Dozen.... .	$8 00	9.60	11.20

Weight Per Dozen About 2 Pounds

SLICK AND BEAD, Fig. 35

Polished Steel.

Width, Inches.....	¾	1
Per Dozen	$8.00	8.80

Weight Per Dozen About 2 Pounds

SPOON AND BEAD, Fig. 36

Polished Steel.

Width, Inches.....	¾	1
Per Dozen	$8.00	8.80

Weight Per Dozen About 2 Pounds.

DOUBLE SQUARE, Fig. 37

Polished Steel.

Width, In...	½	⅝	¾	1
Per Dozen..	$8 00	8 80	9 60	10.40

Weight Per Dozen About 2 Pounds.

OVAL DOG TAIL, Fig. 38

Polished Steel.

Width, Inches...	¾	1	1¼
Per Dozen. . ..	$8.00	9 60	11 20

Weight Per Dozen About 2 Pounds

COLUMN SLICK, Fig. 39

Polished Steel.

Width, Inches...	⅝	⅝	⅞
Per Dozen.....	$8.00	9.60	11.20

Weight Per Dozen About 2 Pounds.

FLUTE, Fig. 40

Polished Steel.

Width, Inches...	⅝	⅝	⅞
Per Dozen.....	$8.00	9.60	11.20

Weight Per Dozen About 2 Pounds.

BEAD, Fig. 41

Polished Steel.

Width, Inches....	⅝	¾	⅝
Per Dozen.....	$7.20	8 00	8.80
Width, Inches....	¾		¾x12
Per Dozen.....	$9.60		11.20

Weight Per Dozen About 2 Pounds

Moulders' Tools.

LIFTER, Fig. 42

Polished Steel.

Width of Blade, Inches	⅛	¼	⅜	½	⅝	¾	⅞	1
10 in. Blade, Per Dozen,	$6.40	7.20	8.00	8.80	.....	.....	.....	.....
12 in. Blade, Per Dozen,	7.20	8.00	8.80	9.60	10.40	11.20	.....	.....
14 in. Blade, Per Dozen,	8.00	8.80	9.60	10.40	11.20	12.00	12.80	13.60
16 in. Blade, Per Dozen,	8.80	9.60	10.40	11.20	12.00	12.80	13.60	14.40
18 in. Blade, Per Dozen,	....	10.40	11.20	12.00	12.80	13.60	14.40	15.20
20 in. Blade, Per Dozen,	....	.....	12.00	12.80	13.60	14.40	15.20	16.00

Weight Per Dozen About 4 Pounds.

HUB TOOL, Fig. 43

Polished Steel.

Width, Inches	¾	1
Per Dozen	$12.80	15.20

Weight Per Dozen About 3 Pounds.

FLUTED HUB LIFTER, Fig. 44

Polished Steel.

Width, In.	¾x8	¾x10	¾x12	¾x14
Per Dozen	$10.40	12.00	12.80	13.60

Weight Per Dozen About 3 Pounds

FLANGE AND BEAD, Fig. 45

Polished Steel.

Width, In.	½	⅝	¾	1
Per Dozen	$12.80	14.40	16.00	19.20

Weight Per Dozen About 3 Pounds.

FLANGE LIFTER, Fig. 46

Polished Steel.

Size, In.	⅜x14	⅜x16	⅝x14	⅝x16
Per Dozen	$16.80	17.60	17 60	18 40
Size, In.	¾x14	¾x16	¾x18	
Per Dozen	$18.40	19.20	20.00	
Size, In.	1x16	1x18	1x20	
Per Dozen	$20.80	21.60	22.40	

Weight Per Dozen About 4 Pounds

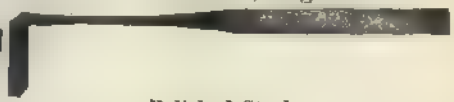
HUB LIFTER, Fig. 47

Polished Steel.

Size, Inches	⅜x12	⅜x14	⅜x16
Per Dozen	$10.40	11 20	12.00
Size, Inches	¾x14	¾x16	¾x18
Per Dozen	$12.80	13 60	14.40
Size, Inches	1x16	1x18	1x20
Per Dozen	$15.20	16.00	16.80

Weight Per Dozen About 4 Pounds.

BOX LIFTER, Fig. 48



Polished Steel.

Size, In.	⅜x14	⅜x16	⅝x14	⅝x16
Per Dozen	$16 80	17.60	17 60	18.40
Size, In	¾x14	¾x16	¾x18	
Per Dozen	$18 40	19 20	20.00	
Size, In	1x16	1x18	1x20	
Per Dozen	$20.80	21 60	22 40	

Weight Per Dozen About 4 Pounds.

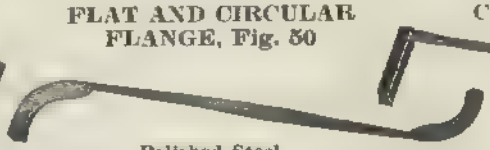
FLAT FLANGE, Fig. 49

Polished Steel.

Width, Inches	⅛	⅝
Per Dozen	$14.40	16.00
Width, Inches	¾	1
Per Dozen	$17.60	20 80

Weight Per Dozen About 4 Pounds.

FLAT AND CIRCULAR FLANGE, Fig. 50



Polished Steel.

Width, Inches	⅛	⅝
Per Dozen	$14 40	16.00
Width, Inches	¾	1
Per Dozen	$17 60	20.80

Weight Per Dozen About 4 Pounds

CIRCULAR FLANGE, Fig. 51

Polished Steel.

Width, Inches	⅛	⅝
Per Dozen	$14.40	16.00
Width, Inches	¾	1
Per Dozen	$17 00	20.80

Weight Per Dozen About 4 Pounds.

PIPE SLICK, Fig. 52

Polished Steel.

Width, Inches	1	1⅛	2
Per Dozen	$8.00	8.00	8.00

Weight Per Dozen About 2½ Pounds.

EGG SLICK, Fig. 53

Polished Steel.

Per Dozen $8.00

Weight Per Dozen About 2½ Pounds.

BUTTON SLICK, Fig. 54

Polished Steel.

Width, Inches	1½	2	2½
Per Dozen	$8 00	8.00	8.00

Weight Per Dozen About 3 Pounds

SQUARE CORNER, Fig. 55

Polished Steel.

Width, Inches	1½	2	2½
Per Dozen	$8.80	9.60	10 40

Weight Per Dozen About 2½ Pounds

INSIDE SQUARE CORNER, Fig. 56

Polished Steel.

Width, Inches	2	2½
Per Dozen	$12 00	12 80

Weight Per Dozen About 2½ Pounds

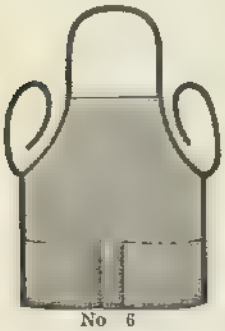
HALF ROUND CORNER, Fig. 57

Polished Steel

Width, Inches	1	1¼	1½	2
Per Dozen	$8.00	8.80	9.60	10.40

Weight Per Dozen About 3 Pounds.

Aprons.



No 6

CARPENTERS'

White Duck, Tape Bound, Two Nail Pockets and One Rule Pocket.

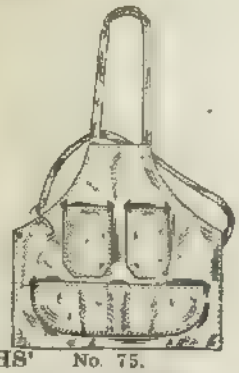
Per Dozen

No. 6—21 in. Long, 17½ in. Wide.....$2.80
Weight Per Dozen About 3 Pounds.
Open Stock.

Heavy Brown Duck, Leather Reinforcement at Pockets, with 4 Nail or Tool Pockets and One Rule Pocket.

Per Dozen

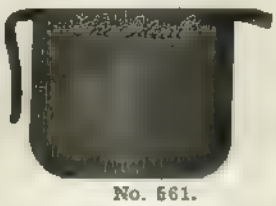
No. 75—24 in. Long, 19½ in. Wide.....$4.45
Weight Per Dozen About 5 Pounds.
Open Stock.



No. 75.

LUMBERMEN'S IDEAL

No. 461.



No. 561.

Heavy Stuffed Split Leather, 1 in. Hip Strap and Roller Buckle, All Straps Fastened with Patent Smooth Head Rivets.

Per Dozen

No. 461—26x27 in., with 6 in. Bib, 33 in. Neck Strap with Buckle, Weight Per Dozen About 33 Lbs. $53.30
No. 561—26x21 in., without Bib and Neck Strap, Weight Per Dozen About 25 Lbs..... 43.30
Open Stock.

BLACKSMITHS' IDEAL

Nos. 400 to 440.

Leather, with Bib, Riveted Strings, Smooth Heads on Both Sides.

Per Dozen

No. 400—38x27 in., Medium Split Leather $37.80
No. 403—38x27 in., Oak Tanned Split Leather..... 33.35
No. 440—38x27 in., Mule Skin Leather..... 46.65
Weight Per Dozen About 24 Pounds.

SHEEPSKIN

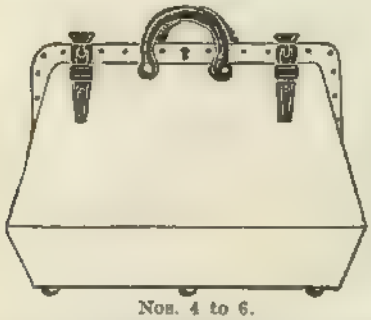
No. 100.

Skeepskin, Untrimmed.

Each

No. 100—Blacksmiths', Russet Tanned Sheepskin, Weight Each About 2 Lbs.....$3.35
Open Stock

Tool Bags.



Nos. 4 to 6.

MASONS'

One Piece No. 6(24 Oz.) White Duck, Extending Around Bottom, Bottom Two Thicknesses of Duck with Heavy Straw Board Filling, Machine Lock Stitched, Double 12 Gauge Steel Frame, Riveted to Body of Bag, Sides Connected with Leather Welt, Straps Over Top with Lock, Five Steel Studs on Bottom.

Each

No. 4—18x15½x5 in., Weight Each 3¾ Lbs.$3.50
No. 5—20x15½x5 in., Weight Each 4 Lbs. 3.70
No. 6—24x15½x5 in., Weight Each 4¼ Lbs. 4.45

Nos. 202 to 204.

MECHANICS'

For Mechanics', Linemen, Railroad Construction Gangs, Etc.

One Piece No 6 (24 Oz.) White Duck, Reinforced on Each Side for 3¼ in. from Bottom by Heavy Bag Leather, Extra Heavy Harness Leather Bottom with Binder Board and Duck. Stitched All Around, Supplied with 5 Steel Studs. Leather Welt Seam Ends Double 12 Gauge Steel Frame Riveted to Body, with Straps Over Top and Lock.

Each

No. 202—14x13½x5½ in., Weight Each 3½ Lbs.....$4.15
No. 203—16x13½x5½ in., Weight Each 4 Lbs..... 4.35
No. 204—18x15½x5½ in., Weight Each 4½ Lbs..... 4.45

HARNESS LEATHER

For Plumbers, Electricians, Wire Men, Gas Fitters, Heavy Black Harness Leather, Three Ply Bottom, Steel Studs, with Shoulder Strap and Pad, Leather Handle, Saw or Bit Holder, Retaining Straps Pass Clear Around Bag.

Each

No. 112—14x8 in., Weight Each 6 Lbs...$7 80
No. 114—18x8 in., Weight Each 6½ Lbs... 8.90

Nos. 112 and 114.

PLASTERERS'

Heavy Canvas, Double Bottom, Detachable Shoulder Strap.

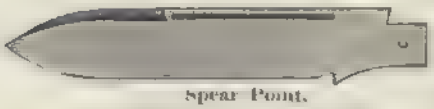
Each

No. 10—16 in. Long, 18 in. High, 6 in. Thick.$3.90
Weight Each 3 Pounds
Will hold all the Tools that can be carried.
Open Stock.

No. 10.

Pocket Knife Blades.

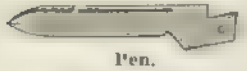
Illustrations Show Different Styles of Blades Used on [illegible] and New York Cutlery Co.'s Knives.

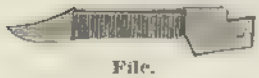

Spear Point.

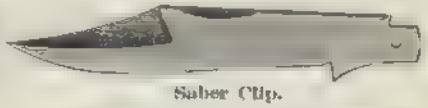
Saber.

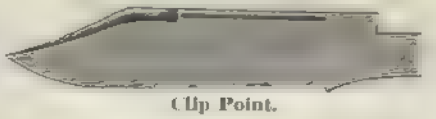
Sheep Foot.

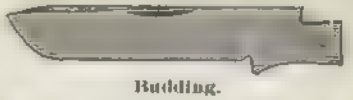
Eraser.


Pen.

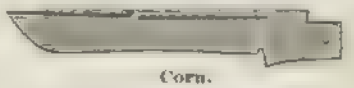

File.

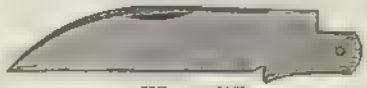

Saber Clip.


Clip Point.

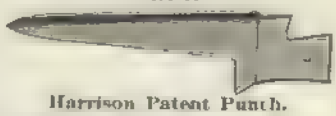

Budding.

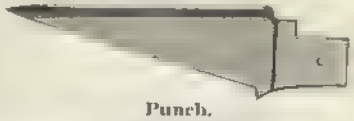
Spaying.


Corn.

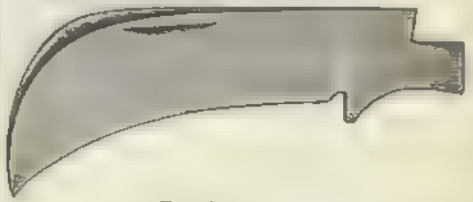

Wharncliffe.

Combination Can Opener and Cap Lifter.


Harrison Patent Punch.


Punch.

Screw Driver.

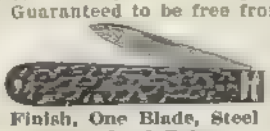

Pruning.

Pocket Knives.

PRITZLAFF [illegible] WARRANTED

Cuts Half Size.

[illegible] Pocket Knives are forged from the finest quality English Pocket Cutlery Steel Every detail of their manufacture is carefully executed by skilled workmen of many years experience They are unsurpassed for quality, design and finish Guaranteed to be free from flaws and imperfections

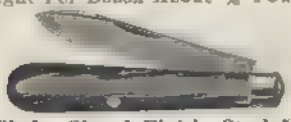


Glazed Finish, One Blade, Steel Lined, Polished Steel Bolsters.

Per Dozen

No. E104—Stag Handle, 3 In. Long $4.50

Weight Per Dozen About ¾ Pound.



One Blade, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. E151—Cocoa Handle, 3¼ In. Long $2 80

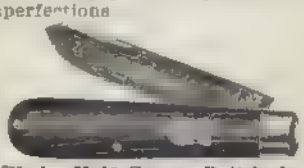
Weight Per Dozen About 1 Pound

One Blade, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. E121—Cocoa Handle, 3½ In. Long $4.50

Weight Per Dozen About 1½ Pounds



One Blade, Half Crocus Polished, Steel Lined, Polished Steel Bolster.

Per Dozen

No. E131—Cocoa Handle, 3⅝ In. Long $4.50

Weight Per Dozen About 1½ Pounds.

One Blade, Pruning, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. E141—Cocoa Handle, 4 In. Long $8 90

Weight Per Dozen About 2⅝ Pounds

All Above, One-half Dozen in a Box.

One Blade, Half Crocus Polished, Brass Lined, German Silver Bolster, Detachable Shackle.

Per Dozen

No. E134—Stag Handle, 4 In. Long $10.00

Weight Per Dozen About 2¼ Pounds.

One Blade, Glazed Finish, Steel Lined, Polished Steel Bolster with Spring Lock Back.

Per Dozen

No. E124—Stag Handle, 4½ In. Long $15.60

Weight Per Dozen About 2½ Pounds.

Pocket Knives.

PRITZLAFF WARRANTED

Cuts Half Size.

No. E2431.

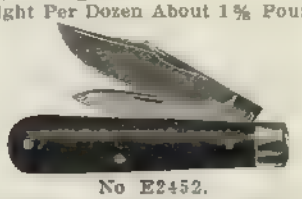
Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. E2431—Cocoa Handle, 3⅛ in. Long $4.50

No. E2432—Ebony Handle, 3⅛ in. Long 4.50

Weight Per Dozen About 1⅝ Pounds.



No E2452.

Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. E2451—Cocoa Handle, 3⅝ in. Long $4.50

No. E2452—Ebony Handle, 3⅝ in. Long 4.50

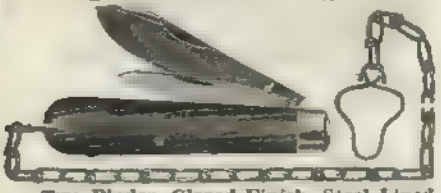
Weight Per Dozen About 1⅝ Pounds

Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. E2441—Cocoa Handle, 3⅝ in. Long $4.50

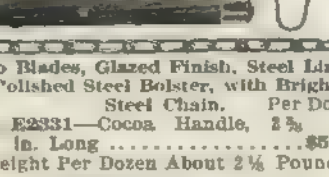
Weight Per Dozen About 1⅝ Pounds



Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster, with Bright Steel Chain. Per Dozen

No. E2331—Cocoa Handle, 3⅝ in. Long $5.90

Weight Per Dozen About 2⅛ Pounds



No. E2371.

Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. E2371—Cocoa Handle, 3⅝ in. Long $6.70

No. E2372—Ebony Handle, 3⅝ in. Long 6.70

Weight Per Dozen About 2¼ Pounds.

Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. E2342—Ebony Handle, 3⅝ in. Long $7.25

Weight Per Dozen About 1⅞ Pounds.

Two Blades, Glazed Finish, Brass Lined, Polished Steel Bolster.

Per Dozen

No. E2641—Cocoa Handle, 3¼ in. Long $7.25

Weight Per Dozen About 1⅝ Pounds

No. E2[illegible]1

Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. E2351—Cocoa Handle, 3⅝ in. Long $6.70

No. E2354—Stag Handle, 3⅝ in Long 7.80

Weight Per Dozen About 2 Pounds.

No. E2672

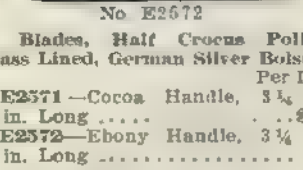
Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster.

Per Dozen

No. E2571—Cocoa Handle, 3¼ in. Long $7.80

No. E2572—Ebony Handle, 3¼ in. Long 7.80

Weight Per Dozen About 1¾ Pounds.



Two Blades, Glazed Finish, Brass Lined, German Silver Bolster.

Per Dozen

No. E2401—Cocoa Handle, 3⅝ in. Long $8.45

Weight Per Dozen About 1½ Pounds.

All Above, One-half Dozen in a Box.

Two Blades, Glazed Finish, Brass Lined, German Silver Bolster.

Per Dozen

No. E2902—Ebony Handle, 3⅝ in. Long $8 90

Weight Per Dozen About 2½ Pounds

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster.

Per Dozen

No. E2462—Ebony Handle, 3½ in. Long $8.90

Weight Per Dozen About 1⅞ Pounds

No. E2481.

Two Blades, Half Crocus Polished, Brass Lined, Polished Steel Bolster.

Per Dozen

No. E2481 Cocoa Handle, 3⅝ in Long $8.90

No. E2482—Ebony Handle, 3⅝ in. Long 8.90

Weight Per Dozen About 2¼ Pounds

Two Blades, Half Crocus Polished, Brass Lined, Polished Steel Bolster.

Per Dozen

No. E2402—Ebony Handle, 3⅝ in Long $8.90

Weight Per Dozen About 2¼ Pounds.

Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. E202—Ebony Handle, 4 in. Long $10.00

Weight Per Dozen About 3 Pounds.

Pocket Knives.

PRITZLAFF EVERLASTING WARRANTED

Cuts Half Size.

Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. E201 Cocoa Handle, 3¾ in. Long ... $8 00

Weight Per Dozen About 3 Pounds

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. E262 Ebony Handle, 4 in Long ... $13.35

Weight Per Dozen About 2¾ Pounds.

No. E2934

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster.

Per Dozen

No. E2932—Ebony Handle, 3⅞ in. Long ... $13.35

No. E2934—Stag Handle, 3⅞ in. Long ... 14.50

Weight Per Dozen About 2½ Pounds.

Two Blades, Glazed Finish, Brass Lined, Polished Steel Bolster.

Per Dozen

No. E2923—Ebony Handle, 3¾ in. Long ... $8 00

Weight Per Dozen About 3¼ Pounds

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster.

Per Dozen

No. E2472—Ebony Handle, 3¾ in Long ... $12 25

Weight Per Dozen About 2½ Pounds

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. E231—Ebony Handle, 3¼ in. Long ... $8.90

Weight Per Dozen About 1¾ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, Polished Steel Bolster and Cap.

Per Dozen

No. E2101 Cocoa Handle, 3½ in. Long ... $8.90

Weight Per Dozen About 2 Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. E2102—Ebony Handle, 3½ in. Long ... $11.15

Weight Per Dozen About 2 Pounds.

Two Blades, Half Crocus Polished, Brass Lined, Polished Steel Bolster and Cap.

Per Dozen

No. E2691—Cocoa Handle, 3½ in. Long ... $8 90

Weight Per Dozen About 2 Pounds

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. E2694—Stag Handle, 3½ in. Long ... $8 90

Weight Per Dozen About 2¼ Pounds.

All Above, One-half Dozen in a Box.

Two Blades, Half Crocus Polished, Brass Lined, Polished Steel Bolster and Cap.

Per Dozen

No. E2741—Cocoa Handle, 3½ in. Long ... $9.50

Weight Per Dozen About 1⅞ Pounds.

No. E2581.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. E2581—Cocoa Handle 3½ in Long ... $8 00

No. E2582—Ebony Handle, 3½ in. Long ... 8.90

No. E2584—Stag Handle, 3½ in Long ... 8 90

Weight Per Dozen About 2⅛ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. E2636—Shell Celluloid Handle, 3⅝ in. Long ... $10 00

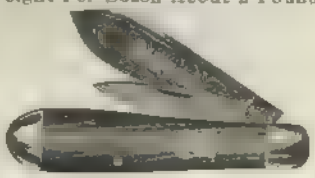
Weight Per Dozen About 1⅝ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, Polished Steel Bolster and Cap.

Per Dozen

No. E2872—Ebony Handle, 3½ in Long ... $8 90

Weight Per Dozen About 2 Pounds



Two Blades, Half Crocus Polished, Brass Lined, Polished Steel Bolster and Cap.

Per Dozen

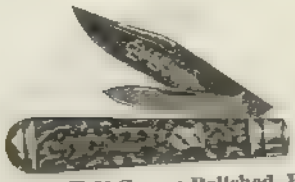
No. E2561—Cocoa Handle, 3½ in. Long ... $8 90

Weight Per Dozen About 2⅛ Pounds.

Pocket Knives.

PRITZLAFF EVERLASTING WARRANTED

Cuts Half Size



Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen

No. E2884 Stag Handle, 3⅜ in Long **$8.90**

Weight Per Dozen About 2 Pounds

No. E2414.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen

No. E2411—Cocoa Handle 3⅜ in. Long **$8 90**

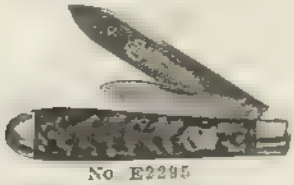
No. E2414—Stag Handle 3⅜ in Long **9.50**

Weight Per Dozen About 1¾ Pounds

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen

No. E2154—Stag Handle, 3⅝ in. Long **$12.25**

Weight Per Dozen About 2 Pounds.



No. E2295

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen

No. E2292—Ebony Handle, 3⅜ in Long ..... **$ 8.90**

No. E2295—Smoked Pearl Handle, 3⅜ in. Long..... **11.15**

Weight Per Dozen About 2 Pounds

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen

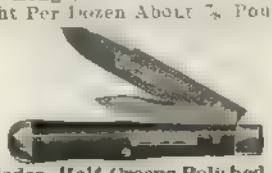
No. E2185—Mottled Celluloid Handle, 3⅜ in. Long. . **$11.15**

Weight Per Dozen About 1½ Pounds

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen

No. E2158—Horn Handle, 2¾ in. Long **$0.50**

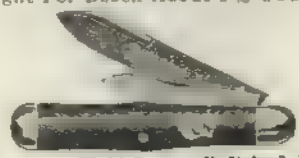
Weight Per Dozen About 7/8 Pounds



Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen

No. E2252—Ebony Handle, 3 in. Long **$8.90**

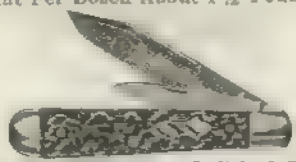
Weight Per Dozen About 1¼ Pounds.



Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen

No. E2282—Ebony Handle, 3¼ in. Long **$8 90**

Weight Per Dozen About 1½ Pounds.



Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen

No. E2384—Stag Handle, 3¼ in, Long **$8.90**

Weight Per Dozen About 1½ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen

No. E2794—Stag Handle, 2¾ in. Long **$10.00**

Weight Per Dozen About 1 Pound.

No. E2592.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen

No. E2592—Ebony Handle, 3 in Long **$8.90**

No. E2594—Stag Handle, 3 in. Long **9 50**

Weight Per Dozen About 1⅝ Pounds

All Above, One-half Dozen in a Box.

No. E2396.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen

No. E2392—Ebony Handle, 3 in Long **$8 90**

No. E2396—Ivory Celluloid Handle, 3 in. Long..... **8.90**

Weight Per Dozen About 1¼ Pounds

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap
Per Dozen

No. E2397—Pearl Handle, 3½ in. Long **$24 50**

Weight Per Dozen About 1⅝ Pounds

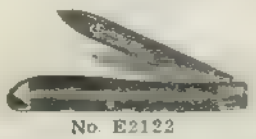
No E2657

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen

No. E2654—Stag Handle, 2⅝ in. Long ..... **$ 8 90**

No. E2657—Pearl Handle, 2⅝ in. Long **15.00**

Weight Per Dozen About ⅞ Pound



No. E2122

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen

No. E2122—Ebony Handle, 2⅛ in. Long ..... **$ 8 90**

No. E2127—Pearl Handle, 2⅞ in. Long **15 60**

Weight Per Dozen About ⅞ Pound

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen

No. E2427—Pearl Handle, 3 in. Long **$23 35**

Weight Per Dozen About 1¼ Pounds.

Pocket Knives.

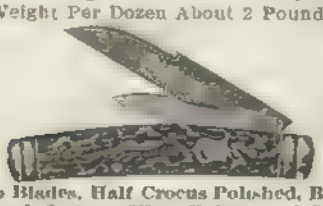
PRITZLAFF EVERYDAY WARRANTED

Cuts Half Size

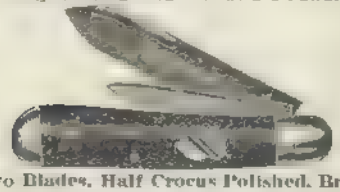
Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen
No. E251—Cocoa Handle, 3½ in. Long **$11 15**
Weight Per Dozen About 1¾ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen
No. E2804—Stag Handle, 3¾ in. Long **$14.50**
Weight Per Dozen About 1¾ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen
No. E2622—Ebony Handle, 3⅝ in. Long **$12 80**
Weight Per Dozen About 2 Pounds



Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen
No. E2604—Stag Handle, 3⅝ in. Long **$13 35**
Weight Per Dozen About 2 Pounds

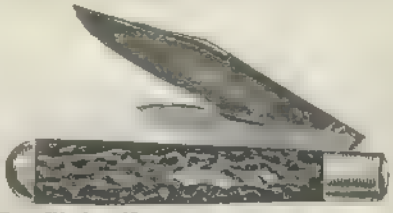


Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen
No. E222—Ebony Handle, 3¾ in. Long **$13 35**
Weight Per Dozen About 2⅝ Pounds

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen
No. E2112—Ebony Handle, 3¾ in. Long **$8 90**
Weight Per Dozen About 1½ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, Polished Steel Bolster and Cap.
Per Dozen
No. E2501—Cocoa Handle, 3⅝ in. Long **$8 90**
Weight Per Dozen About 2⅛ Pounds.

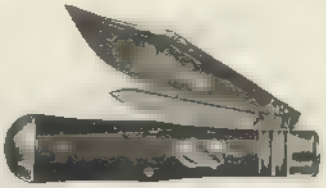
Two Blades, Half Crocus Polished, Brass Lined, Polished Steel Bolster and Cap.
Per Dozen
No. E2522—Ebony Handle, 3⅝ in. Long **$8 90**
Weight Per Dozen About 2¼ Pounds.



Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen
No. E2734—Stag Handle, 4⅛ in. Long **$13 60**
Weight Per Dozen About 3⅝ Pounds.

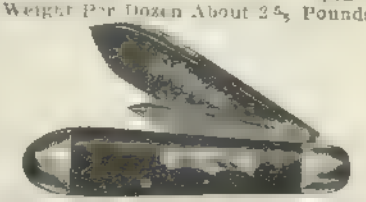
Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen
No. E212—Ebony Handle, 3⅝ in. Long **$13.35**
Weight Per Dozen About 2⅛ Pounds

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen
No. E2172—Ebony Handle, 3¾ in. Long **$13 35**
Weight Per Dozen About 2⅝ Pounds
All Above, One-half Dozen in a Box.

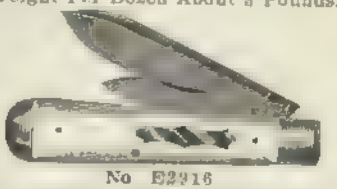


Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen
No. E291—Cocoa Handle, 3⅝ in. Long **$13.35**
Weight Per Dozen About 2⅝ Pounds

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen
No. E2382—Ebony Handle, 3¾ in. Long **$13 35**
Weight Per Dozen About 2⅝ Pounds



Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen
No. E272—Ebony Handle, 3¾ in. Long **$13.35**
Weight Per Dozen About 3 Pounds.



No. E2916

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen
No. E2012—Ebony Handle, 3¼ in. Long **$10.00**
No. E2916—White Bone Handle, 3¾ in. Long **11.15**
Weight Per Dozen About 2 ... Pounds

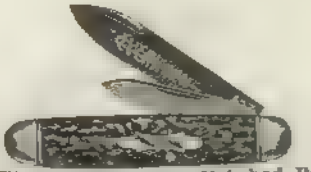
No. E284

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen
No. E282—Ebony Handle, 3¾ in. Long **$12.80**
No. E286—White Celluloid Handle, 3¾ in. Long **13.35**
Weight Per Dozen About 3 Pounds.

Pocket Knives.

PRITZLAFF ~~GERMAN~~ WARRANTED

Cuts Half Size

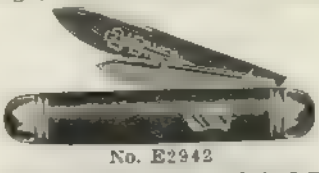


Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. E2114—Stag Handle, 3⅝ in Long $8.90

Weight Per Dozen About 2½ Pounds.



No. E2942

Two Blades, Half Crocus Polished, Brass Lined, Polished Steel Bolster and Cap.

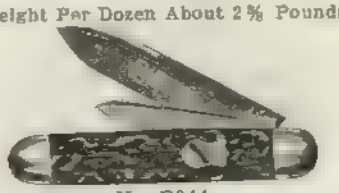
Per Dozen

No. E2941 Cocoa Handle, 3⅝ in. Long $8.90

No. E2942—Ebony Handle, 3⅝ in. Long 8.90

No. E2944—Stag Handle, 3⅝ in. Long 9.50

Weight Per Dozen About 2⅝ Pounds



No. E244

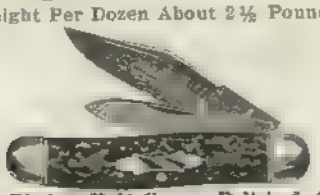
Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. E242—Ebony Handle, 3⅝ in. Long $11.15

No. E244—Stag Handle, 3⅝ in. Long 12.25

Weight Per Dozen About 2½ Pounds.

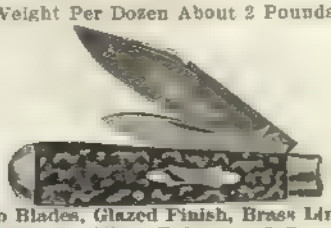


Two Blades, Half Crocus Polished, German Silver Lined, German Silver Bolster and Cap.

Per Dozen

No. E2164—Stag Handle, 3½ in. Long $13.35

Weight Per Dozen About 2 Pounds



Two Blades, Glazed Finish, Brass Lined. German Silver Bolster and Cap.

Per Dozen

No. E2724—Stag Handle, 3⅝ in. Long $10.60

Weight Per Dozen About 2½ Pounds.

Two Blades, Glazed Finish, Brass Lined. German Silver Bolster and Cap.

Per Dozen

No. E2381—Cocoa Handle, 4¼ in. Long $13.35

Weight Per Dozen About 3⅝ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. E2202—Ebony Handle, 3⅝ in. Long $12.25

Weight Per Dozen About 1¾ Pounds

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. E2622—Ebony Handle, 3⅞ in. Long $13.35

Weight Per Dozen About 1¾ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. E2302—Ebony Handle, 3⅝ in. Long $13.35

Weight Per Dozen About 2⅝ Pounds

Two Blades, Half Crocus Polished, Brass Lined, Polished Steel Bolsters.

Per Dozen

No. E2664—Stag Handle, 4 in. Long $15.00

Weight Per Dozen About 1¼ Pounds.

All Above, One-half Dozen in a Box.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. E2767 -Pearl Handle, 3⅝ in. Long $13.35

Weight Per Dozen About ⅝ Pound

Two Blades, Full Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. E2237 Pearl Handle, 2⅝ in Long .. $17.80

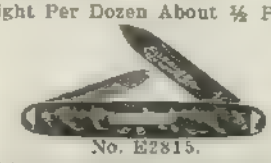
Weight Per Dozen About ¾ Pound

Two Blades, Half Crocus Polished, Brass Lined.

Per Dozen

No. E2195 — Mottled Celluloid Handle, 2⅝ in. Long..... $7 80

Weight Per Dozen About ½ Pound



No. E2815.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Tips.

Per Dozen

No. E2813—Ivory Celluloid Handle, 2¾ in. Long..... $8.35

No. E2814—Stag Handle, 2¾ in. Long 8.35

No. E2815—Smoked Pearl Handle, 2¾ in. Long..... 8.90

Weight Per Dozen About ½ Pound

No. E2861.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. E2861—Cocoa Handle, 2⅝ in. Long .. $ 8 00

No. E2864 Stag Handle, 2¾ in. Long 8.35

No. E2867—Pearl Handle, 2¾ in. Long 14.50

Weight Per Dozen About ¾ Pound

Two Blades, Half Crocus Polished, Brass Lined, Aluminum Bolsters.

Per Dozen

No. E2807—Pearl Handle, 2¾ in. Long $16.70

Weight Per Dozen About ½ Pound.

Pocket Knives.

PRITZLAFF WARRANTED

Cuts Half Size.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E2244—Stag Handle, 2⅞ in. Long $8 00
Weight Per Dozen About ¾ Pound

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E2231—Cocoa Handle, 3¼ in. Long $10.00
Weight Per Dozen About 1 Pound.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E2227—Pearl Handle, 3⅛ in. Long $20.00
Weight Per Dozen About ⅞ Pound

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E2307 Pearl Handle, 3 in Long $22 25
Weight Per Dozen About ⅞ Pound.

No. E2145.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E2142—Ebony Handle, 3¼ in. Long ..... $ 8 00
No. E2144—Stag Handle, 3¼ in. Long 8.00
No. E2145—Smoked Pearl Handle, 3¼ in. Long 11.15
Weight Per Dozen About 1 Pound.

No E2212.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E2212—Ebony Handle, 3⅜ in. Long ..... $ 8.08
No. E2214—Stag Handle, 3⅜ in. Long 8.90
No. E2217—Pearl Handle, 3⅜ in. Long 23 90
Weight Per Dozen About 1 Pound

Two Blades, Half Crocus Polished, Brass Lined, German Silver Tips.
Per Dozen
No. E2015 — Striped Celluloid Handle, 3 in. Long $11.15
Weight Per Dozen About ⅝ Pound

No E1014.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E1011—Cocoa Handle, 2⅞ in. Long ..... $ 9.50
No. E1014—Stag Handle, 3⅜ in. Long 10 00
Weight Per Dozen About 1 Pound

Two Blades, Half Crocus Polished, Brass Lined, German Silver Tips.
Per Dozen
No. E2314—Stag Handle, 3 in. Long $8.90
Weight Per Dozen About ¾ Pound.

Two Blades, Glazed Finish, Brass Lined. Polished Steel Bolsters.
Per Dozen
No. E2232 Ebony Handle, 3¼ in. Long $8 90
Weight Per Dozen About ⅞ Pound

Two Blades, Glazed Finish, Brass Lined.
Per Dozen
No. E2182—Ebony Handle, 3 in. Long $6 70
Weight Per Dozen About ⅝ Pound.

No. E2304.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E2304—Stag Handle, 3 in. Long $8.90
No. E2352—Ebony Handle, 3 in. Long 8.90
Weight Per Dozen About ⅝ Pound

All Above, One-half Dozen in a Box

No E2846.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E2846—Ivory Celluloid Handle, 3 in. Long $9 50
Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Tip.
Per Dozen
No. E2832—Ebony Handle, 3 in. Long $8.90
Weight Per Dozen About ¾ Pound.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E2847—Pearl Handle, 3 in. Long $20.00
Weight Per Dozen About ⅞ Pounds

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E2805—Gold Tinge Celluloid Handle, 3 in. Long.... $12.25
Weight Per Dozen About ¾ Pound.

Two Blades, Half Crocus Polished, Brass Lined.
Per Dozen
No. E2412—Ebony Handle, 3 in. Long $8.00
Weight Per Dozen About ¾ Pound.

Two Blades, Half Crocus Polished, Brass Lined.
Per Dozen
No. E2417—Full Pearl Handle, 3 in. Long $24 50
Weight Per Dozen About ¾ Pound

No E2862

Two Blades, Half Crocus Polished, Brass Lined.
Per Dozen
No. E2852—Ebony Handle, 3¼ in. Long $8.35
No. E2854—Stag Handle, 3¼ in. Long 8.60
Weight Per Dozen About ⅞ Pounds.

Pocket Knives.

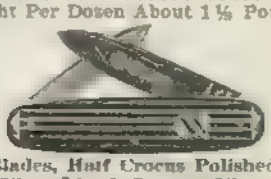
PRITZLAFF EVERLASTING WARRANTED

Cuts Half Size

No. E2 1-

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters, 3¼ in. Long Handle. Per Dozen

No. E2512—Ebony Handle.....$ 8.90
No. E2514—Stag Handle..... 8 90
No. E2516 — Mottled Celluloid Handle 10.60
Weight Per Dozen About 1⅛ Pounds



Two Blades, Half Crocus Polished, German Silver Lined, German Silver Tips. Per Dozen

No. E2035 — Striped Celluloid Handle, 3 in Long.....$13 35
Weight Per Dozen About 1 Pound

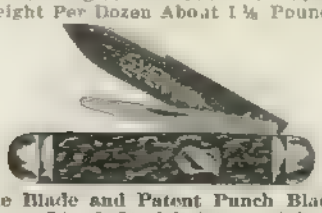
N E2 -

Two Blades, Half Crocus Polished, Brass Lined, German Silver Tips, 3⅜ in. Long Handle, Per Dozen

No. E2602—Ebony Handle.....$13.35
No. E2605 — Striped Celluloid Handle 14 50
Weight Per Dozen About 1 Pound

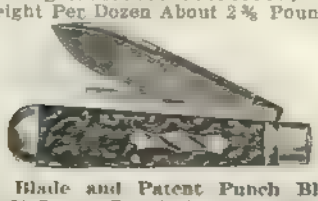
One Blade and Patent Punch Blade, Half Crocus Finish, Brass Lined. Polished Steel Bolsters. Per Dozen

No. E2672—Ebony Handle, 3⅝ in. Long $8 90
Weight Per Dozen About 1⅛ Pounds



One Blade and Patent Punch Blade, Brass Lined, Steel Bolster and Cap. Per Dozen

No. E2774—Stag Handle, 3⅝ in Long $10.00
Weight Per Dozen About 2⅜ Pounds



One Blade and Patent Punch Blade, Half Crocus Polished, Brass Lined, Polished Steel Bolster and Cap. Per Dozen

No. E2684—Stag Handle, 3⅝ in. Long $11 15
Weight Per Dozen About 2⅜ Pounds

Two Blades and Patent Punch Blade, Half Crocus Polished, Brass Lined, German Silver Bolsters. Per Dozen

No E3564—Stag Handle, 3½ in Long $16.70
Weight Per Dozen About 2¼ Pounds

Two Blades and Patent Punch Blade, Half Crocus Polished, Brass Lined, German Silver Bolsters. Per Dozen

No. E3454—Stag Handle, 3⅝ in Long .. $18 90
Weight Per Dozen About 2⅝ Pounds

Two Blades and Patent Punch Blade, Half Crocus Polished, Brass Lined, German Silver Bolsters. Per Dozen

No. E3554—Stag Handle, 3⅝ in. Long $18 90
Weight Per Dozen About 2⅝ Pounds

Two Blades and Patent Punch Blade, Half Crocus Polished, Brass Lined, German Silver Bolsters, with Spring Lock on Punch Blade. Per Dozen

No. E3574—Stag Handle, 4 in Long $18 90
Weight Per Dozen About 2 Pounds

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters. Per Dozen

No. E312—Ebony Handle, 3¼ in. Long $14.50
Weight Per Dozen About 1⅞ Pounds

All Above, One-half Dozen in a Box.

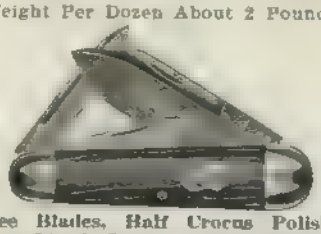
No. E38-.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters. Per Dozen

No. E382—Ebony Handle, 3⅝ in. Long $17.20
No. E384—Stag Handle, 3⅝ in. Long 17.80
Weight Per Dozen About 2 Pounds

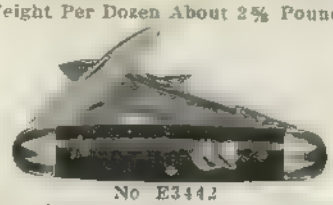
Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters. Per Dozen

No. E3221—Cocoa Handle, 3¾ in. Long $17.80
Weight Per Dozen About 2 Pounds.



Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.. Per Dozen

No. E321—Cocoa Handle, 3½ in. Long $17 80
Weight Per Dozen About 2⅝ Pounds



No E3442

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters. Per Dozen

No. E3442—Ebony Handle, 3⅝ in. Long $17 20
No. E3444—Stag Handle, 3⅝ in. Long 17 80
Weight Per Dozen About 2⅛ Pounds

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters. Per Dozen

No. E3212—Ebony Handle, 3⅝ in Long $16.70
Weight Per Dozen About 2⅜ Pounds

Pocket Knives.

PRITZLAFF "Silver Queen" WARRANTED

Cuts Half Size

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3217—Pearl Handle, 3⅝ in Long $33 35

Weight Per Dozen About 1⅞ Pounds.

No. E3334

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters, Three Spring.
Per Dozen
No. E3332—Ebony Handle, 3½ in. Long $19.30
No. E3334—Stag Handle, 3½ in. Long. 20.00

Weight Per Dozen About 2¾ Pounds.

No. E3252.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3252—Ebony Handle, 3½ in Long $16.70
No. E3254—Stag Handle, 3½ in. Long 17.20

Weight Per Dozen About 2 Pounds.

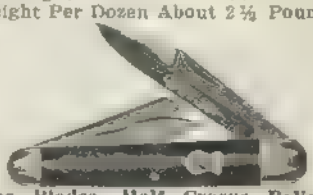
Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3302—Ebony Handle, 4 in. Long $17 80

Weight Per Dozen About 2½ Pounds.

No. E3354.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3354—Stag Handle, 4 in. Long $17.20
No. E3357—Pearl Handle, 4 in. Long 40.00

Weight Per Dozen About 2½ Pounds



Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E322—Ebony Handle, 3½ in. Long $17 80

Weight Per Dozen About 1⅝ Pounds.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3062—Ebony Handle, 3⅝ in. Long $17 80

Weight Per Dozen About 1½ Pounds.

No. E3464

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3462—Ebony Handle, 3½ in. Long $17.80
No. E3464—Stag Handle, 3½ in Long 17 20

Weight Per Dozen About 1⅝ Pounds

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3374—Stag Handle, 3¼ in. Long $16.70

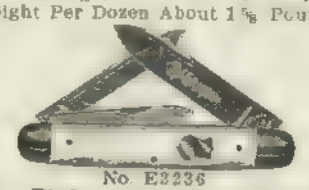
Weight Per Dozen About 1¼ Pounds.

All Above, One-half Dozen in a Box.

No. E3404.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3402—Ebony Handle, 3⅝ in. Long $17.80
No. E3404—Stag Handle, 3⅝ in. Long 18 70

Weight Per Dozen About 1⅝ Pounds



No. E3236

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3232—Ebony Handle, 3⅛ in. Long $13.35
No. E3234—Stag Handle, 3⅛ in. Long 13 35
No. E3236 — Ivory Celluloid Handle, 3⅛ in. Long..... 14.50

Weight Per Dozen About 1½ Pounds

No. E3132.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3132—Ebony Handle, 3⅛ in. Long $13 35
No. E3137—Pearl Handle, 3½ in. Long 30 00

Weight Per Dozen About 1 Pound

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E351—Cocoa Handle, 3 in Long $13 35
Weight Per Dozen About ¾ Pound

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3184—Stag Handle, 3 in Long $14.50

Weight Per Dozen About 1 Pound

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3174—Stag Handle, 3 in. Long $13 35

Weight Per Dozen About ⅞ Pound

Pocket Knives.

PRITZLAFF EVERLASTING WARRANTED

Cuts Half Size

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters,
Per Dozen
No. E348—Horn Handle, 3 in. Long $18.35
Weight Per Dozen About ¾ Pound.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3007—Pearl Handle 2⅞ in. Long $23 35
Weight Per Dozen About ⅞ Pound.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3107—Pearl Handle, 2¾ in. Long $18 90
Weight Per Dozen About ¾ Pound

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3237—Pearl Handle, 3 in Long $22.25
Weight Per Dozen About ¾ Pound

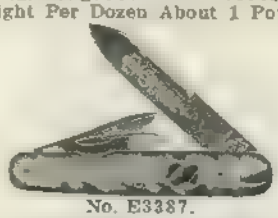
Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E397 -Pearl Handle, 3 in. Long $22 25
Weight Per Dozen About 1 Pound.

No. E3127.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Tips.
Per Dozen
No. E3125—Smoked Pearl Handle, 3 in. Long..... $15.60
No. E3127—Pearl Handle, 3 in Long 26 65
Weight Per Dozen About ⅞ Pound

Three Blades, Full Crocus Polished, Brass Lined, German Silver Tips.
Per Dozen
No. E317—Pearl Handle, 3⅛ in. Long $30.00
Weight Per Dozen About 1 Pound

Three Blades, Half Crocus Polished, Brass Lined.
Per Dozen
No. E3247—Full Pearl Handle, 3 in. Long.... ....$26 65
Weight Per Dozen About 1 Pound.



No. E3387.

Three Blades, Brass Lined, German Silver Bolster.
Per Dozen
No. E3384—Stag Handle, Half Crocus Polished, 3⅛ in. Long $17.80
No. E3387—Pearl Handle, Full Crocus Polished, 3⅛ in. Long 31.10
Weight Per Dozen About 1¼ Pounds.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E361—Cocoa Handle, 3⅜ in. Long $15 60
Weight Per Dozen About 1⅛ Pounds

No. E345

Three Blades, Half Crocus Polished, Brass Lined, German Silver Tips.
Per Dozen
No. E344—Stag Handle, 3⅜ in Long $15 60
No. E345—Smoked Pearl Handle, 3⅜ in. Long..... 17.80
No. E347—Pearl Handle, 3⅜ in. Long 38.35
Weight Per Dozen About 1¼ Pounds.

All Above, One-half Dozen in a Box

Three Blades, Half Crocus Polished, Brass Lined, German Silver Tips.
Per Dozen
No. E353—Striped Celluloid Handle, 3⅜ in. Long..... $17.80
Weight Per Dozen About 1 Pound

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3307—Pearl Handle, 3 in. Long $26 65
Weight Per Dozen About 1 Pound.

No. E3364.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3364—Stag Handle, 3⅛ in. Long $16.70
No. E3365—Smoked Pearl Handle, 3⅛ in. Long..... 17.80
Weight Per Dozen About 1⅛ Pounds

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3367—Pearl Handle, 3⅛ in. Long $26 65
Weight Per Dozen About 1¼ Pounds

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3377—Pearl Handle, 3¼ in. Long $26 65
Weight Per Dozen About 1¼ Pounds.

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Pocket Knives.

NEW YORK KNIFE CO.'S, WARRANTED

Cuts Half Size.

NEW YORK KNIFE CO.'S HAMMER BRAND Pocket Knives are Forged and Tempered by Experienced Workmen from S. & C. Wardlow Extra Refined Crucible Steel. Fully Warranted.

One Blade, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. 125—Cocoa Handle, 3¼ in. Long $3.90

Weight Per Dozen About 1 Pound.

One Blade, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. 1156—Cocoa Handle, 3½ in. Long $4 50

Weight Per Dozen About 1¼ Pounds

One Blade, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. 1750—Cocoa Handle, 3⅝ in. Long $4 50

Weight Per Dozen About 1⅝ Pounds.

One Blade, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. 1755—Cocoa Handle, 3⅝ in. Long $4.50

Weight Per Dozen About 1½ Pounds.

One Blade, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. 1018—Cocoa Handle, 4 in. Long $8 35

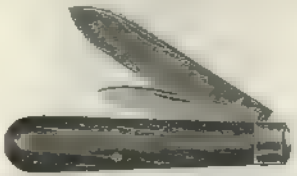
Weight Per Dozen About 2⅛ Pounds.

One Blade, Half Crocus Polish, Brass Lined, German Silver Bolster, Detachable Shackle.

Per Dozen

No. 1017—Stag Handle, 4 in. Long $10.00

Weight Per Dozen About 2¼ Pounds.

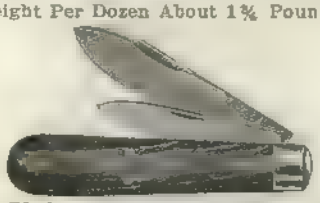


Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. 225—Cocoa Handle, 3⅝ in. Long $4.50

Weight Per Dozen About 1¾ Pounds



Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. 226—Cocoa Handle, 3½ in. Long $4 50

Weight Per Dozen About 1⅝ Pounds.

Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. 264—Cocoa Handle, 3½ in. Long $4.50

Weight Per Dozen About 1¾ Pounds.

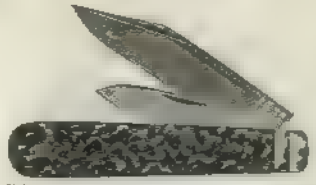
Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. 209—Cocoa Handle, 3½ in. Long $4.50

Weight Per Dozen About 1⅝ Pounds.

All Above, One-half Dozen in a Box.



Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. 210—Stag Handle, 3½ in. Long $6 10

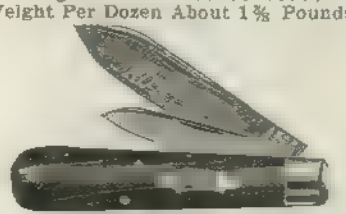
Weight Per Dozen About 1¾ Pounds

Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. 2330—Cocoa Handle, 3¼ in. Long $5 80

Weight Per Dozen About 1⅝ Pounds



Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. 2741—Cocoa Handle, 3¾ in Long $7.80

Weight Per Dozen About 2¼ Pounds

Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. 2730—Cocoa Handle, 3¾ in Long $7.25

Weight Per Dozen About 1⅞ Pounds

Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. 2755—Cocoa Handle, 3¾ in. Long $7.25

Weight Per Dozen About 1⅞ Pounds

Pocket Knives.

NEW YORK KNIFE CO.'S, WARRANTED

Cuts Half Size.

Two Blades, Glazed Finish, Brass Lined, German Silver Bolster.

Per Dozen

No. 2337 Ebony Handle 3½ in Long $7.80

Weight Per Dozen About 1⅞ Pounds

Two Blades, Glazed Finish, Brass Lined, German Silver Bolster.

Per Dozen

No. 205—White Bone Handle, 3⅝ In. Long $10 00

Weight Per Dozen About 1¾ Pounds

Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. 2156 Cocoa Handle, 3⅝ In Long $8.35

Weight Per Dozen About 1⅝ Pounds.

Two Blades, Glazed Finish, Brass Lined, German Silver Bolster.

Per Dozen

No. 2573—Ebony Handle, 3¾ in. Long $8 90

Weight Per Dozen About 1¾ Pounds

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster.

Per Dozen

No. 2053—Stag Handle, 3⅝ In Long $8 90

Weight Per Dozen About 2⅛ Pounds.

No 6350

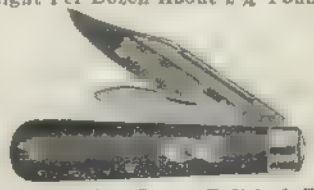
Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster.

Per Dozen

No. 6350—Cocoa Handle, 3½ in. Long $8.90

No. 6364—Stag Handle, 3½ in. Long 8.90

Weight Per Dozen About 2¼ Pounds

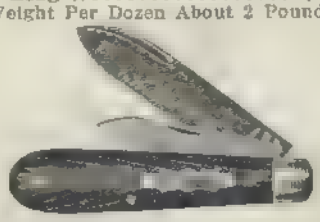


Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster.

Per Dozen

No. 6556—Ebony Handle, 3½ In Long $8.90

Weight Per Dozen About 2 Pounds.

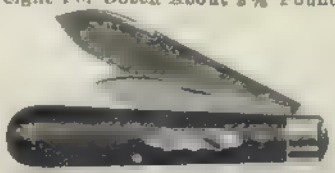


Two Blades, Glazed Finish, Brass Lined, German Silver Bolster.

Per Dozen

No. 2372—Cocoa Handle, 3½ in. Long $8.90

Weight Per Dozen About 2⅛ Pounds.



Two Blades, Glazed Finish, Brass Lined, German Silver Bolster.

Per Dozen

No. 248—Ebony Handle, 3⅝ In Long $8.90

Weight Per Dozen About 2⅝ Pounds

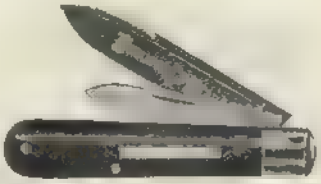
Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster.

Per Dozen

No. 2747—Ebony Handle, 3⅝ in. Long $8.90

Weight Per Dozen About 2¼ Pounds.

All Above, One-half Dozen in a Box.



Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster.

Per Dozen

No. 283—Ebony Handle, 3¾ In Long $10 00

Weight Per Dozen About 2¾ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster.

Per Dozen

No 2493—Cocoa Handle, 3⅞ in Long $8 90

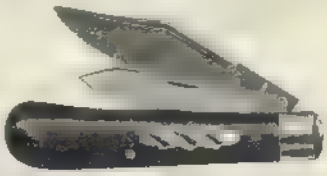
Weight Per Dozen About 2¼ Pounds.

Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. 2764—Stag Handle, 3¾ in. Long $8.90

Weight Per Dozen About 2¾ Pounds



Two Blades, Glazed Finish, Brass Lined, German Silver Bolster.

Per Dozen

No. 2153—Ebony Handle, 3¾ in. Long $10.00

Weight Per Dozen About 2¼ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, Polished Steel Bolster.

Per Dozen

No. 2033—Stag Handle, 3⅝ In Long $8.90

Weight Per Dozen About 2¼ Pounds.

Pocket Knives.

NEW YORK KNIFE CO.'S. WARRANTED

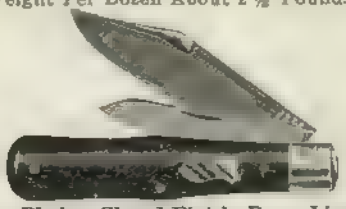
Cuts Half Size

Two Blades, Glazed Finish, Brass Lined, German Silver Bolster.

Per Dozen

No. 2413—Cocoa Handle, 4 in. Long $10.60

Weight Per Dozen About 2½ Pounds.



Two Blades, Glazed Finish, Brass Lined, German Silver Bolster.

Per Dozen

No. 2146—Ebony Handle, 3⅞ in. Long $12.25

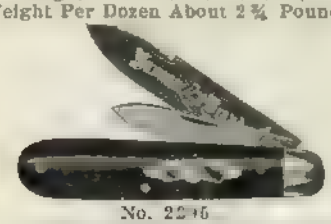
Weight Per Dozen About 2⅝ Pounds.

Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. 2916—Cocoa Handle, 4 in Long $10.00

Weight Per Dozen About 2¾ Pounds



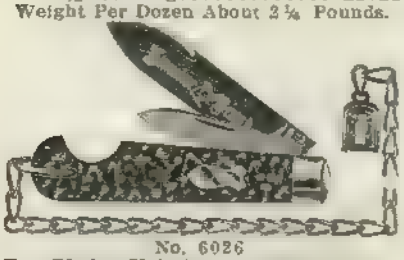
No. 2295

Two Blades, Brass Lined, German Silver Bolster. Per Dozen

No. 2295—Ebony Handle, Half Crocus Polished and Etched, 3½ in. Long.. . $ 8.90

No. 2296—White Bone Handle, Glazed Finish, not Etched, 3½ in. Long..... 11.15

Weight Per Dozen About 2¼ Pounds.



No. 6026

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster, with 18 in. Nickel Plated Chain.

Per Dozen

No. 6026—Stag Handle, 3½ in Long $8.90

No. 6024—Cocoa Handle, 3½ in Long 8.90

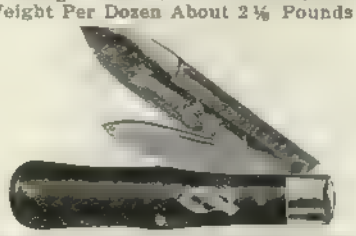
Weight Per Dozen About 2¾ Pounds.

Two Blades, Glazed Finish, Brass Lined, German Silver Bolster.

Per Dozen

No. 2020—Ebony Handle, 3⅞ in. Long $10 60

Weight Per Dozen About 2⅛ Pounds



Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster.

Per Dozen

No. 2109—Ebony Handle, 3¾ in Long $12 25

Weight Per Dozen About 2⅝ Pounds

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster.

Per Dozen

No. 275—Cocoa Handle, 3¾ in Long $13 35

Weight Per Dozen About 3 Pounds.

Two Blades, Glazed Finish, Brass Lined, German Silver Bolster.

Per Dozen

No. 254—Cocoa Handle, 3⅞ in. Long $13.35

Weight Per Dozen About 2⅝ Pounds.

Two Blades, Glazed Finish, Brass Lined, German Silver Bolster.

Per Dozen

No. 239—Ebony Handle, 3⅝ in. Long $8 90

Weight Per Dozen About 1⅝ Pounds

All Above, One-half Dozen in a Box.

No. 237.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster.

Per Dozen

No. 237—Stag Handle, 3½ in Long $8.90

No. 2034—Cocoa Handle, 3½ in Long 8.90

Weight Per Dozen About 1½ Pounds

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 6376—Horn Handle, 2⅞ in Long $9.50

Weight Per Dozen About ⅞ Pound

No. 242

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 242—Ebony Handle, 3¼ in Long ..... $ 8.90

No. 2287—White Bone Handle, 3¼ in. Long..... 12.25

Weight Per Dozen About 1⅝ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap

Per Dozen

No. 2378—Pearl Handle, 2¾ in Long $17.80

Weight Per Dozen About 1 Pound.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

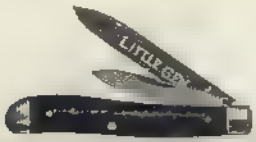
No. 2289—Pearl Handle, 3¼ in Long $24.50

Weight Per Dozen About 1½ Pounds

Pocket Knives.

NEW YORK KNIFE CO.'S, WARRANTED

Cuts Half Size



Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2077—Horn Handle, 2⅞ in. Long $10.00

Weight Per Dozen About ⅞ Pounds

No. 6277.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 6277 Ebony Handle, 3 in Long ..... $ 9.50

No. 6278—Stag Handle, 3 in. Long 10.00

Weight Per Dozen About 1 Pound.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 646—Stag Handle, 2⅞ in. Long $10.00

Weight Per Dozen About 1 Pound.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 6213—Deer Shell Handle, 3 in. Long $10.60

Weight Per Dozen About 1⅛ Pounds.

No 658

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 658—Pearl Handle, 3 in. Long $23.35

No. 657—Stag Handle, 3 in. Long 10.00

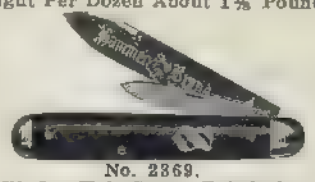
Weight Per Dozen About 1¼ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2052—Horn Handle, 3¼ in. Long $10.60

Weight Per Dozen About 1⅛ Pounds.



No. 2369.

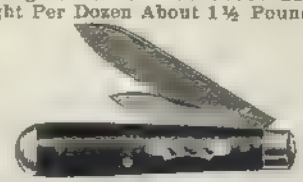
Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2369—Ebony Handle, 3½ in. Long $10.60

No. 2370—Stag Handle, 3⅝ in. Long 11.15

Weight Per Dozen About 1½ Pounds.



Two Blades, Glazed Finish, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2358—Ebony Handle, 3¼ in. Long $8.35

Weight Per Dozen About 1¼ Pounds.

No. 2332

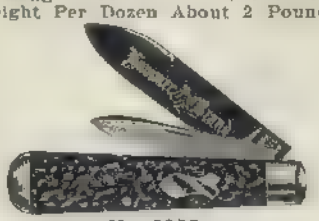
Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2332—Cocoa Handle, 3½ in. Long $8 90

No. 2335—Stag Handle, 3½ in. Long 8 90

Weight Per Dozen About 2 Pounds



No. 2957.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2957—Stag Handle, 3½ in. Long $10.00

No. 2954—Ebony Handle, 3½ in. Long 8 90

No. 2953—Cocoa Handle, 3½ in. Long 8 90

Weight Per Dozen About 2¼ Pounds

All Above, One-half Dozen in a Box

No 2585.

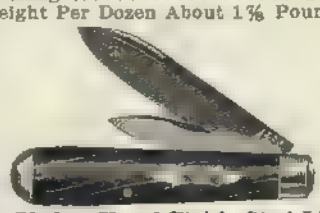
Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2585—Cocoa Handle, 3½ in. Long ..... $ 8.90

No. 2587—Stag Handle, 3½ in. Long 10.00

Weight Per Dozen About 1⅞ Pounds.

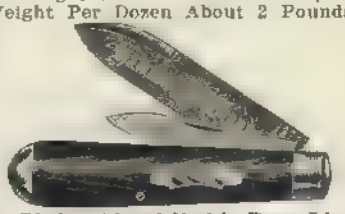


Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster and Cap.

Per Dozen

No. 2222—Cocoa Handle, 3½ in Long $7 80

Weight Per Dozen About 2 Pounds.



Two Blades, Glazed Finish, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2226—Cocoa Handle, 3¾ in Long $10.60

Weight Per Dozen About 2¼ Pounds

Two Blades, Glazed Finish, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2229—Stag Handle, 3¾ in. Long $10.70

Weight Per Dozen About 2⅝ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

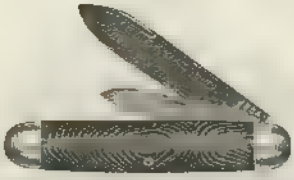
No. 2872—Cocoa Handle, 3¾ in. Long $10.00

Weight Per Dozen About 2⅛ Pounds.

Pocket Knives.

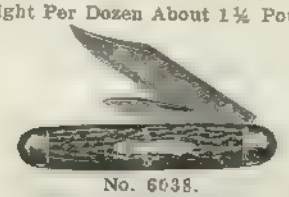
NEW YORK KNIFE CO.'S, WARRANTED

Cuts Half Size



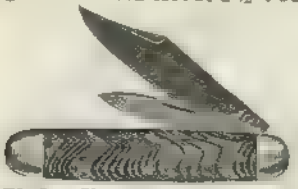
Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap. Per Dozen
No. 6140—Amber Shell Handle, 3¼ in. Long..... ..$10.00
Weight Per Dozen About 1½ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap. Per Dozen
No. 2420—Cocoa Handle, 3⅝ in Long $8.90
Weight Per Dozen About 1¼ Pounds.



No. 6038.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap. Per Dozen
No. 6037—Ebony Handle, 3¼ in Long $8 90
No. 6038—Stag Handle, 3¼ in Long 8 90
Weight Per Dozen About 1½ Pounds

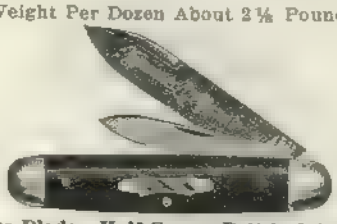


Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap. Per Dozen
No. 6143—Deer Shell Handle, 3¼ in. Long.....$10 00
Weight Per Dozen About 1½ Pounds.

Two Blades, Glazed Finish, Brass Lined, German Silver Bolster and Cap. Per Dozen
No. 2525—Cocoa Handle, 3½ in. Long $8.90
Weight Per Dozen About 1¾ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap. Per Dozen
No. 2925—Cocoa Handle, 3⅝ in. Long $10.60
Weight Per Dozen About 2 Pounds

Two Blades, Half Crocus Polished, Steel Lined, Polished Steel Bolster and Cap. Per Dozen
No. 228—Cocoa Handle, 3¾ in. Long $8 90
Weight Per Dozen About 2⅛ Pounds.

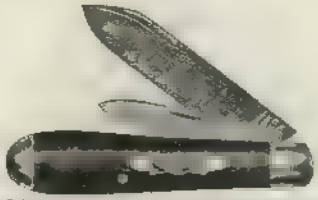


Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap. Per Dozen
No. 2206—Ebony Handle, 3¾ in. Long $13.35
Weight Per Dozen About 2¼ Pounds

Two Blades, Glazed Finish, Brass Lined, German Silver Bolster and Cap. Per Dozen
No. 2203—White Bone Handle 3¾ in. Long..... . .$13 35
Weight Per Dozen About 2⅜ Pounds

Two Blades, Glazed Finish, Brass Lined, German Silver Bolster and Cap. Per Dozen
No. 2710—Cocoa Handle, 3⅞ in Long $13 35
Weight Per Dozen About 2⅝ Pounds.

All Above, One-half Dozen in a Box.



Two Blades, Glazed Finish, Brass Lined, German Silver Bolster and Cap. Per Dozen
No. 2073—Ebony Handle, 3½ in. Long $11.15
Weight Per Dozen About 2¼ Pounds.

Two Blades, Glazed Finish, Brass Lined, German Silver Bolster and Cap. Per Dozen
No. 2094—Cocoa Handle, 3¾ in. Long $13 35
Weight Per Dozen About 2⅝ Pounds.

Two Blades, Glazed Finish, Brass Lined, German Silver Bolster and Cap. Per Dozen
No. 2515—Cocoa Handle, 4⅛ in Long $13.35
Weight Per Dozen About 3¼ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap. Per Dozen
No. 2998—Stag Handle, 4¾ in. Long $14 50
Weight Per Dozen About 2⅞ Pounds.

Two Blades, Half Crocus Polished, German Silver Lined, German Silver Bolster and Cap. Per Dozen
No. 6063—Ebony Handle, 3⅞ in. Long $14.50
Weight Per Dozen About 2½ Pounds.

Pocket Knives.

NEW YORK KNIFE CO.'S, WARRANTED

Cuts Half Size

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2602—Ebony Handle, 3¾ in. Long $13 35

Weight Per Dozen About 2½ Pounds

Two Blades, Glazed Finish, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2531—Ebony Handle, 3¾ in. Long $13 35

Weight Per Dozen About 2¼ Pounds

Two Blades, Glazed Finish, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2550—Cocoa Handle, 3¾ in. Long $13.35

Weight Per Dozen About 2½ Pounds

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2706—Ebony Handle, 3½ in. Long $12 25

Weight Per Dozen About 1⅞ Pounds

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2726—Ebony Handle, 3⅞ in. Long $13 35

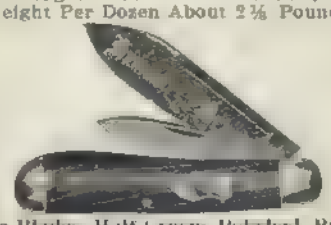
Weight Per Dozen About 2½ Pounds

Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster and Cap.

Per Dozen

No. 2636—Ebony Handle, 3½ in. Long $8.90

Weight Per Dozen About 2⅛ Pounds.



Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap. Per Dozen

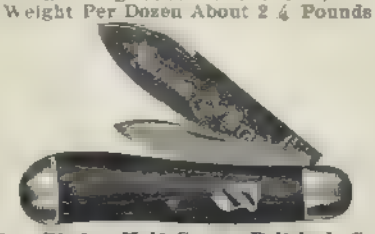
No. 2435—Cocoa Handle, 3½ in. Long $11.15

Weight Per Dozen About 2¼ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap. Per Dozen

No. 2432—Ebony Handle, 3½ in Long $11.15

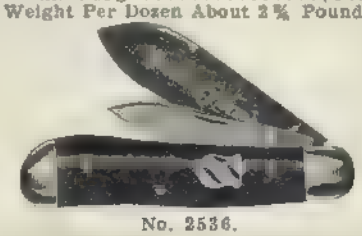
Weight Per Dozen About 2¼ Pounds



Two Blades, Half Crocus Polished, German Silver Lined, German Silver Bolster and Cap. Per Dozen

No. 6068—Cocoa Handle, 3⅞ in. Long $14.50

Weight Per Dozen About 2¾ Pounds.



No. 2536.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap. Per Dozen

No. 2536—Ebony Handle, 3⅞ in. Long $13.35

No. 2538—Stag Handle, 3⅞ in. Long 13.35

Weight Per Dozen About 2⅞ Pounds.

All Above, One-half Dozen in a Box.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap. Per Dozen

No. 2401—Ebony Handle, 3½ in. Long $12.80

Weight Per Dozen About 1⅞ Pounds.

No. 2731.

Two Blades, Half Crocus Polished, Brass Lined, Polished Steel Bolster, German Silver Cap. Per Dozen

No. 2731—Ebony Handle, 3½ in. Long $12.25

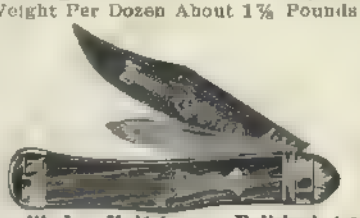
No. 2733—Stag Handle, 3½ in. Long 12.80

Weight Per Dozen About 1¾ Pounds

Two Blades, Half Crocus Polished, German Silver Lined, German Silver Bolster and Cap. Per Dozen

No. 6070—Stag Handle, 3½ in Long $14.50

Weight Per Dozen About 1⅞ Pounds



Two Blades, Half Crocus Polished, German Silver Lined, German Silver Bolster and Cap. Per Dozen

No. 6074—Cocoa Handle, 3⅞ in Long $14.50

Weight Per Dozen About 2 Pounds

Two Blades, Half Crocus Polished, German Silver Lined, German Silver Bolster and Cap. Per Dozen

No. 2803—Stag Handle, 3¾ in. Long $13 35

Weight Per Dozen About 2⅛ Pounds

Pocket Knives.

NEW YORK KNIFE CO.'S, WARRANTED

Cuts Half Size

Two Blades, Full Crocus Polished, Brass Lined, Steel Bolster, German Silver Cap.

Per Dozen

No. 2542—Stag Handle, 3¾ in. Long $15.60

Weight Per Dozen About 1¾ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 2352—Ebony Handle, 3¾ in Long $10 60

Weight Per Dozen About 1 Pound

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 6244—Smoked Pearl Handle, 3¼ in. Long..... $10.60

Weight Per Dozen About ⅞ Pound

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 6235—Tortas Shell Handle, 3¼ in. Long..... $10 60

Weight Per Dozen About 1⅛ Pounds

No. 2022

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 2022—Stag Handle, 3½ in. Long $11.15

No. 2020—Cocoa Handle, 3½ in. Long 10.60

Weight Per Dozen About 1¼ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 2351—Cocoa Handle, 3¼ in. Long $8 90

Weight Per Dozen About 1 Pound.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 6136—Stag Handle, 3¼ in Long $10.00

Weight Per Dozen About 1 Pound

No. 2128

Two Blades, Brass Lined, German Silver Bolster.

Per Dozen

No. 2128—Pearl Handle, Half Crocus Polished, 3¼ in Long $20.00

No. 219—Cocoa Handle, Glazed Finish, 3¼ in. Long..... 10.00

Weight Per Dozen About ⅞ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 634—Stag Handle, 3 in. Long $10 00

Weight Per Dozen About ⅝ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 280—Stag Handle, 3¼ in. Long $10.00

Weight Per Dozen About ⅞ Pound

All Above, One-half Dozen in a Box

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 2659—Stag Handle, 3 in. Long $9 50

Weight Per Dozen About ⅞ Pound.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 2656—Pearl Handle, 3 in. Long $20 00

Weight Per Dozen About ⅞ Pound

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 2328—Ebony Handle, 3⅜ in Long $8.90

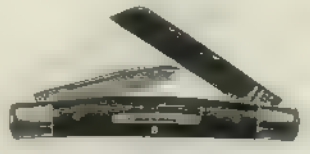
Weight Per Dozen About 1 Pound

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 6423—Stag Handle, 3⅜ in. Long $8.90

Weight Per Dozen About 1¼ Pounds



Two Blades, Glazed Finish, Brass Lined, German Silver Bolsters.

Per Dozen

No. 2001—Ebony Handle, 3⅜ in. Long $8 90

Weight Per Dozen About ⅞ Pound.

Pocket Knives.

NEW YORK KNIFE CO.'S, WARRANTED

Cuts Half Size.

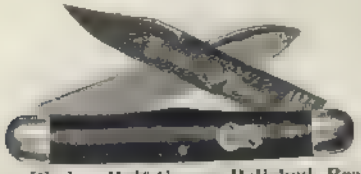
Two Blades, Glazed Finish, Brass Lined.
Per Dozen
No. 200—Celluloid Ivory Handle, 3⅝ in. Long.....$13 35
Weight Per Dozen About 1¼ Pounds

No. 260

Two Blades, Half Crocus Polished, German Silver Lined, German Silver Bolsters.
Per Dozen
No. 260—Ebony Handle, 3⅛ in Long .. $13 35
Two Blades, Half Crocus Polished, Brass Lined, German Silver Tips.
Per Dozen
No. 261—Stag Handle, 3⅛ in Long $18.35
Weight Per Dozen About 1⅜ Pounds

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 2056 Cocoa Handle, 3⅝ in Long $13 35
Weight Per Dozen About 1⅛ Pounds.

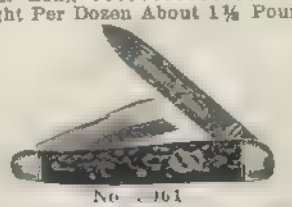
Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 6042—Ebony Handle, 3⅛ in. Long $13.35
Weight Per Dozen About 2¼ Pounds.



Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 2283—Ebony Handle, 4 in. Long $13.35
Weight Per Dozen About 2⅜ Pounds

No. 3117

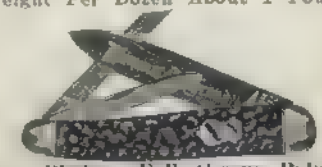
Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3117 Ebony Handle, 3⅜ in Long $14.50
No. 3144—Cocoa Handle, 3⅝ in. Long 14 30
Weight Per Dozen About 1⅛ Pounds



No. 3061

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3061—Stag Handle, 3⅛ in. Long $16.70
No. 3060—Horn Handle, 3⅛ in. Long 16.70
Weight Per Dozen About ⅞ Pound

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3063—Pearl Handle, 3⅛ in. Long $26.65
Weight Per Dozen About 1 Pound.

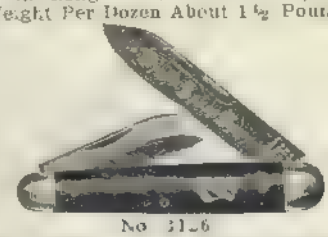


Three Blades, Full Crocus Polished, German Silver Lined, German Silver Bolsters.
Per Dozen
No. 361—Stag Handle, 3⅛ in. Long $20 00
Weight Per Dozen About 1⅝ Pounds.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters
Per Dozen
No. 3114 Ebony Handle, 3⅝ in. Long $17.80
Weight Per Dozen About 1⅝ Pounds

All Above, One-half Dozen in a Box.

Three Blades, Half Crocus Polished, Brass Lined, Polished Steel Bolsters.
Per Dozen
No. 3534—Ebony Handle, 3¾ in Long $16.70
Weight Per Dozen About 1½ Pounds

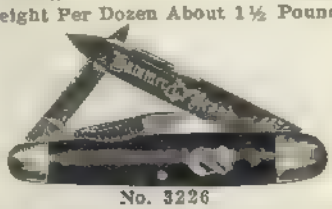


No. 3126

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3126 Ebony Handle, 3½ in Long $17 20
No. 3127—Stag Handle, 3½ in Long 17 80
Weight Per Dozen About 1⅝ Pounds

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3306—Ebony Handle, 3⅝ in Long . . $17 80
Weight Per Dozen About 1⅛ Pounds.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 307—Stag Handle, 3⅝ in Long $20 00
Weight Per Dozen About 1½ Pounds



No. 3226

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3226—Horn Handle, 3¾ in Long $26.65
No. 3229—Pearl Handle, 3¾ in. Long 40 00
Weight Per Dozen About 1¾ Pounds

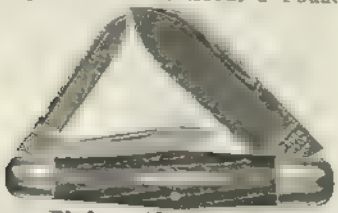
Pocket Knives.

NEW YORK KNIFE CO.'S, WARRANTED

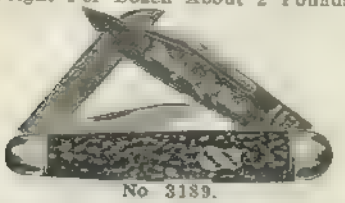
Cuts Half Size.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3873—Cocoa Handle, 3¾ in. Long $17 80
Weight Per Dozen About 1¾ Pounds

Three Blades, Glazed Finish, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3136—Cocoa Handle, 3¾ in. Long $17.80
Weight Per Dozen About 2 Pounds

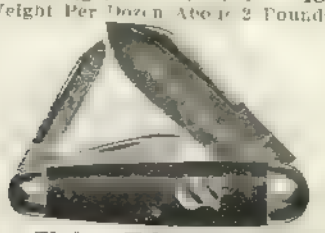


Three Blades, Glazed Finish, Brass Lined, German Silver Bolsters.
Per Dozen
No. 376—Cocoa Handle, 3⅞ in. Long $17.80
Weight Per Dozen About 2 Pounds



No. 3189.

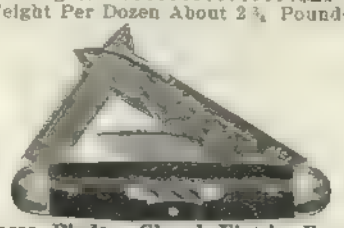
Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3189—Stag Handle, 3⅞ in Long $20.00
No. 3187—Ebony Handle, 3⅞ in. Long 18.90
Weight Per Dozen About 2 Pounds



Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 311—Ebony Handle, 3½ in. Long $17.80
Weight Per Dozen About 1¾ Pounds

Three Blades, Glazed Finish, Brass Lined, German Silver Bolsters.
Per Dozen
No. 381—Ebony Handle, 4¼ in. Long $21.15
Weight Per Dozen About 2½ Pounds.

Three Blades, Glazed Finish, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3184—Cocoa Handle, 4½ in. Long $21 15
Weight Per Dozen About 2¾ Pounds



Three Blades, Glazed Finish, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3222—Ebony Handle, 3⅞ in. Long $17.80
Weight Per Dozen About 2¼ Pounds

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3208—Stag Handle, 3⅞ in Long $17.80
Weight Per Dozen About 2¼ Pounds.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3204—Pearl Handle, 3⅞ in. Long $33.35
Weight Per Dozen About 1⅞ Pounds.

All Above, One-half Dozen in a Box.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3515—Stag Handle, 3 in Long $17 80
Weight Per Dozen About 2 Pounds.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3705—Cocoa Handle, 3½ in. Long $16 70
Weight Per Dozen About 2 Pounds

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3330—Stag Handle, 3½ in Long $18.90
Weight Per Dozen About 1¾ Pounds

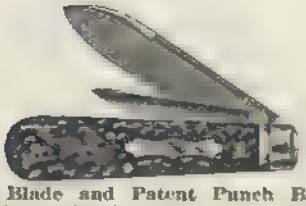
Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3815—Stag Handle, 3⅞ in Long $23 35
Weight Per Dozen About 2¼ Pounds.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3193—Stag Handle, 4¼ in. Long $24.50
Weight Per Dozen About 3¼ Pounds.

Pocket Knives.

NEW YORK KNIFE CO.'S, WARRANTED

Cuts Half Size.

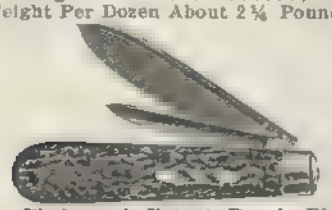


One Blade and Patent Punch Blade, Glazed Finish, Brass Lined, Polished Steel Bolster.

Per Dozen

No. 2939—Stag Handle, 3½ in. Long $12.25

Weight Per Dozen About 2¼ Pounds.

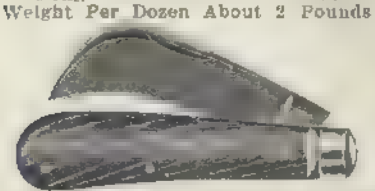


One Blade and Patent Punch Blade, Glazed Finish, Brass Lined, Polished Steel Bolster.

Per Dozen

No. 6446—Stag Handle, 3½ in. Long $8.90

Weight Per Dozen About 2 Pounds



One Blade Pruning, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. 142—Cocoa Handle, 4 in. Long $8 90

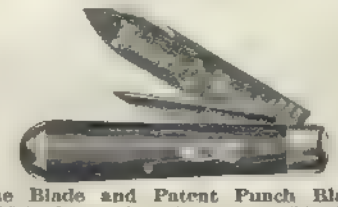
Weight Per Dozen About 2½ Pounds.

One Blade Pruning, Glazed Finish, Steel Lined, Polished Steel Bolster and Cap.

Per Dozen

No. 1073—Cocoa Handle, 4½ in. Long $16.70

Weight Per Dozen About 3⅝ Pounds.



One Blade and Patent Punch Blade, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 6057—Cocoa Handle, 3⅝ in. Long $13.35

Weight Per Dozen About 2½ Pounds.

One Blade and Patent Punch Blade, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2211—Stag Handle, 3⅝ in Long $13.35

Weight Per Dozen About 2¼ Pounds

ELECTRICIANS', Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2478—Cocoa Handle, 3⅛ in. Long $13.35

Weight Per Dozen About 1½ Pounds

ELECTRICIANS', Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters, Lock Back.

Per Dozen

No. 2481—Stag Handle, 3⅝ in Long $18.90

Weight Per Dozen About 2⅛ Pounds.

Two Blades and Patent Punch Blade, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 3240—Stag Handle, 3½ in. Long $20.00

Weight Per Dozen About 2½ Pounds

Two Blades and Patent Punch Blade, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 3230—Stag Handle, 3¾ in Long $20 00

Weight Per Dozen About 2¾ Pounds

Two Blades, One Punch Blade and One Can Opener and Tin Cap Lifter, Half Crocus Polished, Brass Lined, German Silver Bolsters, Detachable Shackle.

Per Dozen

No. 4018—Stag Handle, 4¾ in. Long $35.60

Weight Per Dozen About 4 Pounds

No. 1665.

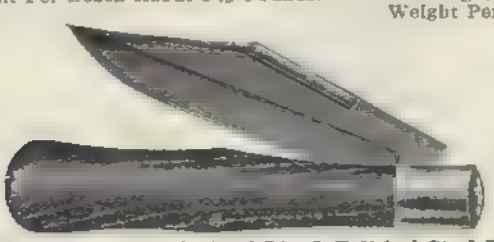
One Blade, Half Crocus Polished, Brass Lined, German Silver Bolster with Spring Lock Back.

Per Dozen

No. 1665—Stag Handle, 4½ in Long $17.80

No. 1865—Ebony Handle, 4½ in Long 16.70

Weight Per Dozen About 2½ Pounds.

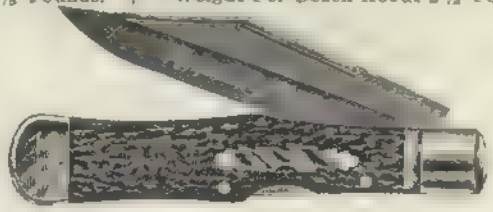


One Blade, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. 188—Cocoa Handle, 5⅝ in Long. $13 35

Weight Per Dozen About 4¼ Pounds.



One Blade, Glazed Finish, Brass Lined, Steel Bolster, German Silver Cap, Spring Lock Back.

Per Dozen

No. 187—Stag Handle, 5⅝ in. Long..... $30 00

Weight Per Dozen About 4⅝ Pounds

All Above, One-half Dozen in a Box.

Pocket Knives.

NEW YORK KNIFE CO.'S, WARRANTED

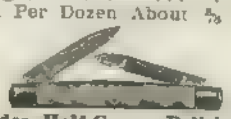
Cuts Half Size

No. 195.
One Blade, Glazed Finish, Brass Lined, German Silver Bolster.
Per Dozen
No. 195—Pearl Handle, 2½ in. Long $11.15
No. 192—Horn Handle, 2½ in Long 5 00
Weight Per Dozen About ⅓ Pound.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 2083—Pearl Handle, 2⅜ in. Long $11 70
Weight Per Dozen About ½ Pound

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 295—Pearl Handle, 2⅞ in Long $14 50
Weight Per Dozen About ⅝ Pound.

Two Blades, Glazed Finish, German Silver Lined, Engraved Aluminum Bolsters.
Per Dozen
No. 2771—Pearl Handle, 2¾ in Long $17.80
Weight Per Dozen About ⅝ Pound.



Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 2000—Pearl Handle, 2½ in. Long $11.70
Weight Per Dozen About ½ Pound.

Two Blades, Full Crocus Polished, German Silver Lined, German Silver Bolsters.
Per Dozen
No. 290—Pearl Handle, 2⅞ in. Long $17 80
Weight Per Dozen About ½ Pound

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster.
Per Dozen
No. 2010—Pearl Handle, 2¾ in. Long $15.60
Weight Per Dozen About ¾ Pound

Two Blades, Full Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 2262—Pearl Handle, 2¾ in Long $15.60
Weight Per Dozen About ½ Pound

Two Blades, Full Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 2265—Pearl Handle, 3 in. Long $17 80
Weight Per Dozen About ¾ Pound

Two Blades, Half Crocus Polished, Brass Lined.
Per Dozen
No. 2390—Full Pearl Handle, 3¼ in. Long..... $24.50
Weight Per Dozen About ¾ Pound

Two Blades, Glazed Finish, Brass Lined, German Silver Bolsters.
Per Dozen
No. 2115—Stag Handle, 3⅛ in. Long $10.00
Weight Per Dozen About ⅝ Pound

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 2063—Pearl Handle, 3⅛ in. Long $22.25
Weight Per Dozen About ⅞ Pound

Three Blades, Full Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3092—Pearl Handle, 3¼ in. Long $26 65
Weight Per Dozen About ⅞ Pound

All Above, One-half Dozen in a Box

Two Blades, Half Crocus Polished, Brass Lined, German Silver Tips.
Per Dozen
No. 218—Pearl Handle, 3 in. Long $21 10
Weight Per Dozen About ⅝ Pound

Three Blades, Full Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3022—Pearl Handle, 3 in Long $17 80
Weight Per Dozen About ¾ Pound

Three Blades, Full Crocus Polished, German Silver Lined.
Per Dozen
No. 324—Full Pearl Handle, 3⅛ in. Long $24.50
Weight Per Dozen About ½ Pound.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3310—Horn Handle, 3 in Long $13.35
Weight Per Dozen About ¾ Pound.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolster.
Per Dozen
No. 3367—Pearl Handle, 2¾ in Long $23 35
Weight Per Dozen About ¾ Pound

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3365—Pearl Handle, 3 in. Long $22 25
Weight Per Dozen About ¾ Pound

Three Blades, Half Crocus Polished, Brass Lined. Per Dozen
No. 3360—Full Pearl Handle, 3⅛ in. Long $20.65
Weight Per Dozen About 1 Pound

Pocket Knives.

NEW YORK KNIFE CO.'S, WARRANTED

Cuts Half Size.

Three Blades, Full Crocus Polished, German Silver Lined, Engraved Aluminum Bolsters.

Per Dozen

No. 3771 Pearl Handle, 2⅞ in Long $26.65

Weight Per Dozen About ¾ Pound

Three Blades, Full Crocus Polished, German Silver Lined, Engraved Aluminum Bolsters.

Per Dozen

No. 3772—Pearl Handle, 3¼ in. Long $28.90

Weight Per Dozen About ⅞ Pound.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Tips.

Per Dozen

No. 3048—Stag Handle, 3⅝ in. Long $16.70

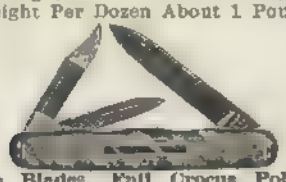
Weight Per Dozen About 1⅓ Pounds.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Tips.

Per Dozen

No. 3915—Stag Handle, 3⅛ in. Long $15.60

Weight Per Dozen About 1 Pound



Three Blades, Full Crocus Polished, Brass Lined, German Silver Tips.

Per Dozen

No. 317 Pearl Handle, 3⅛ in. Long $33.35

Weight Per Dozen About 1 Pound.

Three Blades, Full Crocus Polished, Brass Lined, German Silver Tips.

Per Dozen

No. 3081—Pearl Handle, 3¼ in. Long $30.00

Weight Per Dozen About 1 Pound

Three Blades, Full Crocus Polished, Brass Lined.

Per Dozen

No. 3053—Full Pearl Handle, 3 In Long $30 00

Weight Per Dozen About ⅞ Pound

Three Blades, Full Crocus Polished, Brass Lined, German Silver Bolster.

Per Dozen

No. 3104—Pearl Handle, 3¼ In Long $31.10

Weight Per Dozen About 1⅛ Pounds.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 372—Stag Handle, 3⅛ in. Long $16.70

Weight Per Dozen About 1⅛ Pounds.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 3359—Stag Handle, 3⅛ in. Long $13 35

Weight Per Dozen About 1 Pound

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 3356 Pearl Handle, 3 In Long $26 65

Weight Per Dozen About 1 Pound

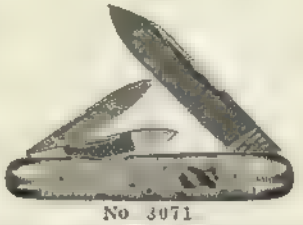
Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 3748—Amber Shell Handle, 3⅝ in. Long $15.00

Weight Per Dozen About 1½ Pounds.

All Above, One-half Dozen in a Box



No 3071

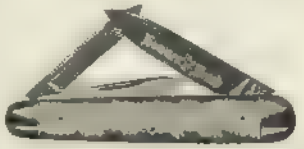
Three Blades, Full Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 3071—Pearl Handle, 3⅝ in. Long $33.35

No. 3072—Stag Handle, 3⅝ in. Long 20.00

Weight Per Dozen About 1½ Pounds.



Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 3747—Pearl Handle, 3⅝ in Long $30 00

Weight Per Dozen About 1¼ Pounds

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 3750—Stag Handle, 3⅝ in. Long $15 60

Weight Per Dozen About 1¼ Pounds

No 397.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 397—Pearl Handle, 3⅝ In Long $26 65

No. 398—Horn Handle, 3⅝ In. Long 17 20

Weight Per Dozen About 1¼ Pounds

Three Blades, Full Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 3733—Pearl Handle, 3½ in Long $26.65

Weight Per Dozen About 1 Pound.

Pocket Knives.

NEW YORK KNIFE CO.'S, WARRANTED

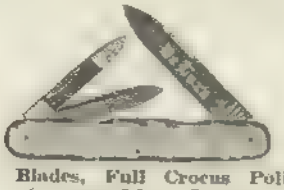
Cuts Half Size

Three Blades, Full Crocus Polished, German Silver Lined.

Per Dozen

No. 3900—Full Pearl Handle, 3 in. Long $30.00

Weight Per Dozen About ⅝ Pound.



Three Blades, Full Crocus Polished, German Silver Lined.

Per Dozen

No. 3901—Full Pearl Handle, 3⅛ in. Long..... $35.00

Weight Per Dozen About ⅞ Pound.

One Blade and Special Manicure File, Full Crocus Polished, German Silver Lined, German Silver Tips.

Per Dozen

No. 2271—Stag Handle, 3 in. Long $17.90

Weight Per Dozen About ¾ Pounds.

One Blade and Special Manicure File, Full Crocus Polished, German Silver Lined.

Per Dozen

No. 2273—Full Pearl Handle 3 in. Long $31.10

Weight Per Dozen About ⅝ Pound.

One Blade and Special Manicure File, Full Crocus Polished, German Silver Lined.

Per Dozen

No. 2275—Celluloid Ivory Antique Handle, 3⅛ in. Long. $15.00

Weight Per Dozen About ⅝ Pound.

One Blade and Special Manicure File Full Crocus Polished, German Silver Lined.

Per Dozen

No. 2279—Full Pearl Handle, 3⅛ in. Long..... $31.10

Weight Per Dozen About ⅝ Pound

Three Blades, Full Crocus Polished, German Silver Lined, German Silver Tips.

Per Dozen

No. 3034—Stag Handle, 3½ in. Long $26 65

Weight Per Dozen About ¾ Pound

Three Blades, Full Crocus Polished, German Silver Lined.

Per Dozen

No. 3037—Full Pearl Handle, 3½ in. Long..... $40.00

Weight Per Dozen About ⅞ Pound

Two Blades and Special Manicure File, Full Crocus Polished, German Silver Lined.

Per Dozen

No. 3023—Full Pearl Handle, 3⅛ in. Long..... $37 75

Weight Per Dozen About ¾ Pound

Two Blades and Special Manicure File, Full Crocus Polished, German Silver Lined, German Silver Tips.

Per Dozen

No. 3282—Pearl Handle, 3⅛ in. Long $42.20

Weight Per Dozen About 1 Pound

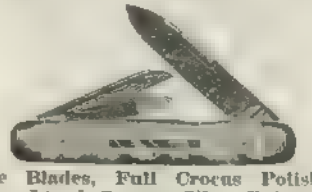
All Above, One-half Dozen in a Box.

Three Blades and Special Manicure File, Full Crocus Polished, Brass Lined, German Silver Tips.

Per Dozen

No. 3044—Pearl Handle, 3⅛ in Long $46.65

Weight Per Dozen About 1 Pound



Three Blades, Full Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 351—Pearl Handle, 3⅜ in Long $33 35

Weight Per Dozen About 1½ Pounds.

Four Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 4350—Pearl Handle, 3⅛ in Long $26 65

Weight Per Dozen About 1⅛ Pounds.

Four Blades, Full Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 433—Pearl Handle, 3⅜ in. Long $37.75

Weight Per Dozen About 1⅛ Pounds

No. 485.

Four Blades, Full Crocus Polished, Brass Lined, German Silver Tips.

Per Dozen

No. 485—Pearl Handle, 3⅜ in Long $40 00

No. 483—Stag Handle, 3⅜ in Long 25.60

Weight Per Dozen About 1⅛ Pounds

Net Lists.

Component Shot Gun Parts.

BELGIAN BREECH LOADING DOUBLE BARREL SHOT GUNS

Round body hammer, filed and drilled, right or left hand, 1 [illegible] from middle of nose to centre of hole. In ordering, state size

No. 200 Right Hand, Per Doz $4 20
No. 201 Left Hand, Per Doz 4 20

Circular hammer, filed and drilled, right or left hand 1 to [illegible] from middle of nose to centre of hole. In ordering, state size

No. 300 Right Hand, Per Doz. $5 00
No. 301 Left Hand, Per Doz. 5 00

CONCAVE CIRCULAR HAMMERS.

Filed and drilled, right or left hand 1 to 1¼ inch from middle of nose to centre of hole. In ordering state size

No. 400 Right Hand, Per Doz $5 50
No. 401 Left Hand, Per Doz 5.50

TUMBLER PINS.

No. 1 Tumbler Pins, threaded, per doz .30 20

SIDE PINS.

No. 0 Side Pins, threaded, per doz. .20

CROSS PINS.

No. 1 Cross Pins, for muzzle loading guns, per doz. .30 60
No. 2 Cross Pins, for breech loading guns, per doz .70

INSIDE LOCK SCREWS.

No. 13 Inside Lock Screws, threaded, per dozen .30 20

TUMBLER SWIVELS.

No. 4 Tumbler Swivels, filed, single horn, per doz. .90 80

TOP LEVER SPRINGS.

No. 50A. No. 50B. No. 50C. No. 50D. No. 75. Per Dozen

Per Doz.
No. 50A For English Guns, $4.00 No. 50D For Tolley Guns. .$4 00
" 50B " Boxhull " 4.00 " 75 " Belgium " 3 00
" 50C " English " 4.00 No. 72 For side snap Belgium gun. 1 50

Back Action, Double Sear Springs, Filed.

No. 100 Right hand, per doz. .$1 20
" 101 Left " " 1 20

Back Action, Single Sear Springs, Filed.

No. 105 Right hand, per doz $1 50
" 106 Left " " 1 50

Bar Sear Springs, Filed.

No. 110 Right hand, per doz $1 50
" 111 Left " " 1 50

BRASS FRONT SIGHTS.

No. 5 For Breech Loading Guns, per doz. .90 50

No. 102

TRIGGERS.

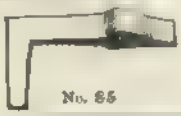
No. 102 Right Hand, filed Triggers. (See cut)
Per Doz. .$1 00

No. 103 Left Hand, filed Triggers
Per Doz. 1 00

No. 136

BREECH LOADING SWIVEL TUMBLERS.

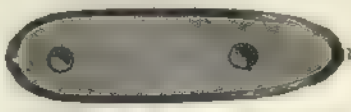
No. Per Doz.
130 Back Action, Rebounding, filed, Right Hand. $3 50
132 Back Action, Rebounding, filed, Left Hand. 3.50
134 Bar Action, Rebounding, filed, Right Hand. 3 50
136 Bar Action, Rebounding, filed, Left Hand. 3 50



No. 85

SEARS.

No. Per Doz.
84 Back Action Sears, filed, Right Hand $1 20
85 Back Action Sears, filed, Left Hand. 1 20
86 Bar Action Sears, filed, Right Hand. 1 20
87 Bar Action Sears, filed, Left Hand. 1 20



RUBBER BUTT PLATES.

No. 80 Rubber Butt Plates for Breech or Muzzle Loading Guns. Per Doz. .$7.00

GUARDS AND TRIGGER PLATES.

No. 150 No. 152

No. Per Doz.
150 Breech Loading Guards filed and threaded. $3 00
152 Breech Loading Trigger Plates, filed and tapped. 3 00

MAIN SPRINGS.

No. 70 No. 66 No. 50 No. 74

No. Per Doz.
64 Back Action Swivel (Main and Sear Combination) Main Springs Right Hand, Breech Loading $3 00
66 Back Action Swivel (Main and Sear Combination) Main Springs Left Hand, Breech Loading. 3 00
68 Back Action Swivel Rebounding Main Springs Right Hand. 3.50
70 " " " " " Left Hand. 3 50
72 Bar Action Swivel Rebounding Main Springs Right Hand. 3 50
74 " " " " " Left Hand. 3 50

SPRING PLUNGERS.

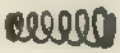
No. 95 For old style spring plunger guns. Per Doz. .90 30
No. 94 For Zulu Guns, Per Doz. 2.00

NITRO PLUNGERS.

No. 97 For latest style Belgian Guns. Per Doz. .$0 50

SOLID PLUNGERS.

No. 90 8-32 in. diameter, per doz. .$1.00
91 9-32 " " " " 1 00
92 10-32 " " " " 1 00
93 11-32 " " " " 1 00



PLUNGER SPRINGS.

No. 80 Taper, for Double Guns. Per Doz. .$0 34
No. 82 For Zulu Guns " " 1 00

PLUNGER SEATS.

No. 84 For English Guns. Per Doz. .$1 00
No. 85 For Belgian Guns. (see cut) Per Doz. 1 00

MILLED EXTRACTORS.

No. 86 Milled Extractors [illegible] filled state. Per Doz. .$5 00

FORE-END IRONS.

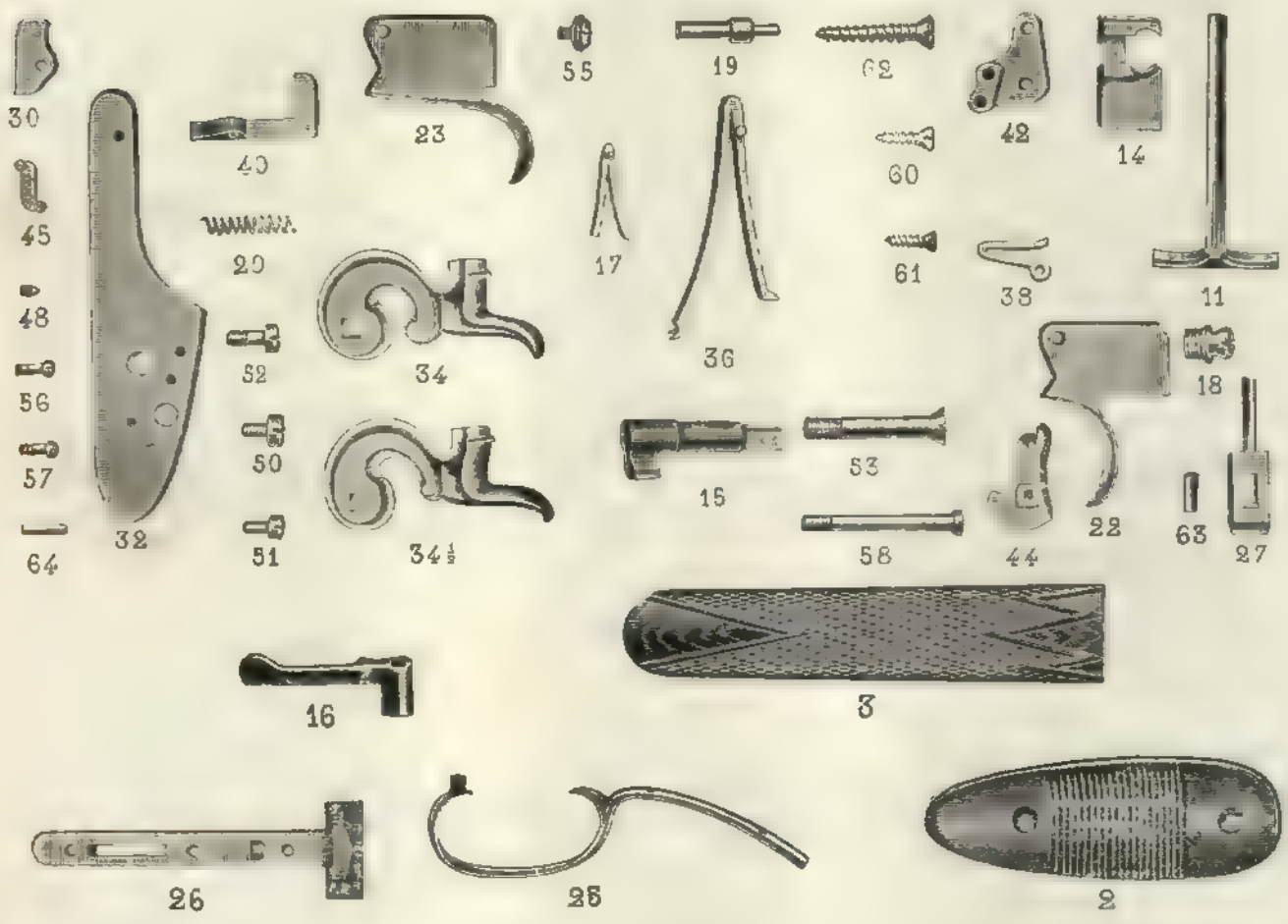
No. 38 Milled fore-end Irons for Double Guns. Per Doz $4 50

These Parts are not Finished, but are in the Rough, and Must be Filed and Fitted.

Component Shot Gun Parts.

Net Lists.

PRITZLAFF "QUALITY" INTERCHANGEABLE DOUBLE BARREL SHOT GUNS



	Each
No. 2—Butt Plate	$0 40
No. 3—Fore End, Wood Only	80
No. 4—Fore End, Complete	5 00
No. 14—Extractor	50
No. 14—Bolt	40
No. 15—Top Lever Post	.50
No. 16—Top Lever	.30
No. 17—Top Lever Spring	30
No. 18—Nipple Seat	30
No. 19—Plunger or Striker	20
No. 22—Trigger Right Hand	30
No. 23—Trigger Left Hand	30
No. 25—Guard Rough	50
No. 26—Fore End Iron	1 00

	Each
No. 27—Fore-End Bolt	$0 30
No. 29—Fore-End Spring	.10
No. 30—Extractor Cam	14
No. 32—Lock Plate	.60
No. 34—Hammer Right Hand	.60
No. 34½—Hammer, Left Hand	.60
No. 36—Main Spring	.40
No. 38—Sear Spring	.10
No. 40—Sear	30
No. 42—Bridle	40
No. 44—Tumbler	60
No. 45—Swivel	30
No. 48—Extractor Screw	10

	Each
No. 50—Top Lever Screw	$0.10
No. 51—Trigger Plate Screw	.10
No. 52—Fore End Iron Screw	10
No. 53—Bolt Screw	10
No. 55—Tumbler Pin	10
No. 56—Bridle Screw	.10
No. 57—Bridle Screw	.10
No. 58—Side Lock Screw	30
No. 60—Trigger Plate Screw	10
No. 61—Guard Screw	10
No. 62—Butt Plate Screw	10
No. 63—Lock Pin	.10
No. 64—Lock Pin	10

Unfinished Gun Stocks.

	Each
Grade 1—Turned Wood, Imported Walnut	$1.75
Grade 2—Turned Wood, Imported Walnut	2 50

Component Shot Gun Parts.

Net Lists.

REMINGTON AUTO-LOADING

	Each
No. 1—Action Spring Tube	$ 0.50
No. 2—Action Spring	.40
No. 3—Action Spring Follower	.35
No. 4—Action Spring Plug	.20
No. 6—Barrel Extension	3.00
No. 7—Breech Bolt	3.00
No. 8—Butt Stock No. 1	3.50
No. 9—Butt Stock, Nos. 2 and 3	6.00
No. 10—Butt Stock, No. 4	8.00
No. 11—Butt Stock, No. 5	18.00
No. 12—Butt Stock, No. 6	25.00
No. 13—Butt Plate	.85
No. 14—Butt Plate Screws (2) Each	.10
No. 15—Carrier	3.00
No. 16—Carrier Spring	.35
No. 17—Carrier Screws (2) Each	.10
No. 18—Carrier Dog	.25
No. 19—Carrier Dog Spring	.15
No. 20—Carrier Dog Follower	.10
No. 21—Carrier Dog Pin	.10
No. 22—Carrier Latch	.75
No. 23—Carrier Latch Spring	.15
No. 24—Carrier Latch Button	.10
No. 25—Carrier Latch Screw	.10
No. 26—Cartridge Stop	.75
No. 27—Cartridge Stop Spring	.15
No. 28—Cartridge Stop Screw	.10
No. 29—Extractor	.40
No. 30—Extractor Spring	.10
No. 31—Extractor Pin	.10
No. 32—Firing Pin	.50
No. 33—Firing Pin Stop Pin	.10
No. 34—Friction Piece, Bronze	.25
No. 35—Friction Spring	.25
No. 36—Friction Ring	.25
No. 37—Front Sight, Complete	.75
No. 38—Front Sight, Base	.65
No. 39—Fore-End, Complete, No. 1	1.70
No. 40—Fore End, Complete, Nos. 2 and 3	3.00
No. 41—Fore-End, Complete No. 4	4.00
No. 42—Fore-End, Complete, No. 5	6.00
No. 43—Fore-End, Complete No. 6	8.00
No. 44—Front Stock, Coupled with Magazine Cap Stock	2.00
No. 45—Hammer	.75
No. 46—Hammer Pin	.10
No. 47—Hammer Roll	.15
No. 48—Locking Screws, Each	.10
No. 49—Locking Block	1.50
No. 50—Locking Block Latch	.75
No. 51—Locking Block Latch Spring	.15
No. 52—Locking Block Latch Pin	.10
No. 53—Link	1.00
No. 54—Link Pin	.10
No. 55—Magazine	1.00
No. 56—Magazine Spring	.30
No. 57—Magazine Spring Retainer	.25

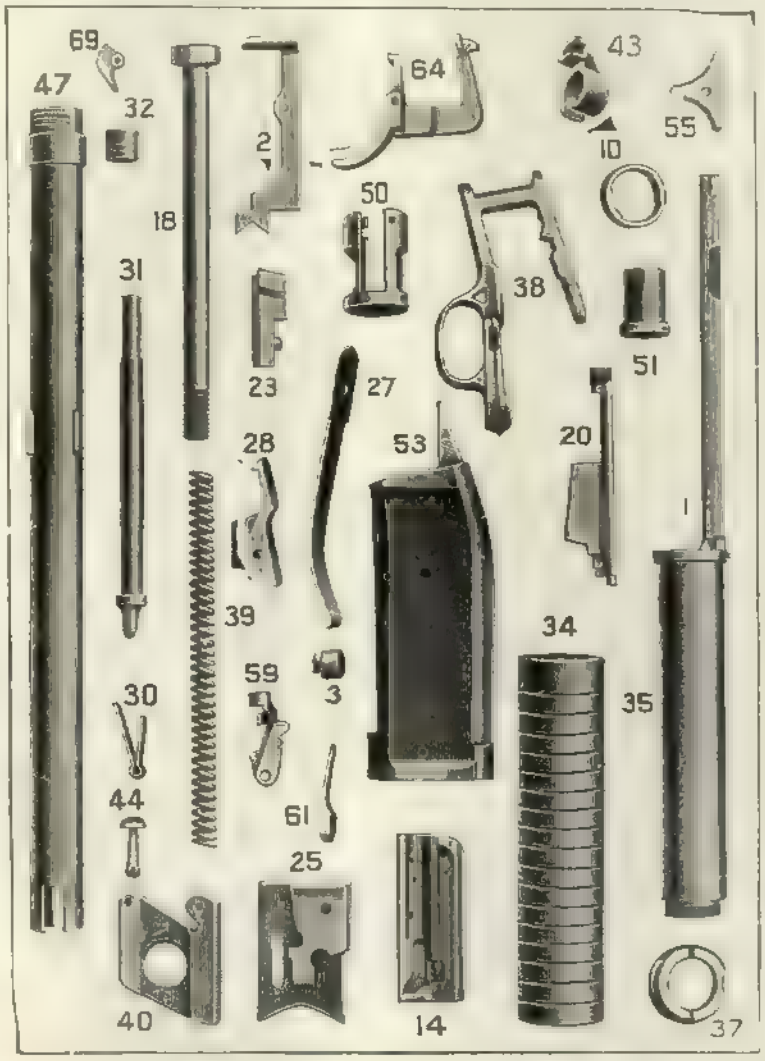
	Each
No. 58—Magazine Follower	$0.50
No. 59—Magazine Cap, No. 1, 2, 3	.50
No. 60—Magazine Cap, No. 4	1.00
No. 61—Magazine Cap, No. 5	1.75
No. 62—Magazine Cap, No. 6	2.50
No. 63—Magazine Cap Stop, Complete	.30
No. 64—Main Spring	.40
No. 65—Main Spring Screw	.10
No. 66—Operating Slide, Nos. 1, 2, 3	1.50
No. 67—Operating Slide, No. 4	1.75
No. 68—Operating Slide, No. 5	2.00
No. 69—Operating Slide, No. 6	2.25
No. 70—Receiver, Nos. 1, 2 and 3	10.00
No. 71—Receiver, No. 4	20.00
No. 72—Receiver, No. 5	30.00
No. 73—Receiver, No. 6	40.00

	Each
No. 74—Recoil Spring	$1.00
No. 75—Safety	.40
No. 76—Safety Sear	.25
No. 77—Safety Sear Follower	.15
No. 78—Safety Sear Spring	.15
No. 79—Tang Screw	.10
No. 80—Trigger	.50
No. 81—Trigger Spring	.20
No. 82—Trigger Pin	.10
No. 83—Trigger Plate, No. 1, 2, 3	3.00
No. 84—Trigger Plate, No. 4	3.50
No. 85—Trigger Plate, No. 5	4.50
No. 86—Trigger Plate, No. 6	7.50
No. 87—Trigger Plate Front Pin	.10
No. 88—Trigger Plate Rear Screw	.10
No. 89—Ejector	.20

Goods on this Page Not Carried in Stock, Furnished Direct from Factory Only.

Component Shot Gun Parts.

REMINGTON REPEATING, MODEL 1908



	Each
No. 1, 35, 36—Action Bar Complete with Fore-End Tube, Bushing and Rivets	
Grade 1, 2 and 3	$ 2.50
Grade 4	3.50
Grade 5	4 00
Grade 6	4 00
No. 2—Action Bar Lock	.50
No. 3—Action Bar Lock Button	.10
No. 4—Action Bar Lock Button Spring	10
No. 5—Action Bar Lock Pin	10
No. 6—Action Bar Lock Spring	10
No. 7—Action Bar Stud	10
No. 8—Action Bar Rivet	10
No. 9, 12, 42—Barrel Complete with Yoke and Barrel Lug	
Grade 1, 2 and 3	15 00
Grade 4	20 00
Grade 5	25 00
Grade 6	30 00
No. 10—Barrel Adjusting Bushing	.50
No. 11—Barrel Adjusting Screw	.10
No. 13—Barrel Yoke	
Grade 1, 2 and 3	1 25
Grade 4	2 00
Grade 5	3 00
Grade 6	5 00
No. 13—Barrel Yoke Stop Screw	.10
No. 14—Breech Block	4 00
No. 14½—Breech Block Assembled Complete	7 00
No. 15—Butt Plate	.85
No. 16—Butt Plate Screws	10
No. 17—Butt Stock	
Grade 1	4 50
Grade 2	22 50
Grade 3	25 00
Grade 4	35 00
Grade 5	50 00
Grade 6	90
No. 18—Butt Stock Bolt	20
No. 19—Butt Stock Bolt Washer	10
No. 20, 21 Carrier and Spring	2.50
No. 23—Carrier Stop	.5
No. 24—Cartridge Stop	25
No. 25—Cocking Head	90
No. 25½—Cocking Head Complete with Main Spring, Firing Pin and Bushing	1 60
No. 26—Cocking Head Pin	10
No. 27—Ejector Spring	.20
No. 28—Extractor	.40
No. 29—Extractor Pin	10
No. 30—Extractor Spring	.20
No. 31—Firing Pin	.30
No. 32—Firing Pin Bushing	.15
No. 33—Firing Pin Bushing Pin	.10
No. 34—Magazine End	
Grade 1	1.00
Grade 2	3 00
Grade 3	5 00
Grade 4	6 00
Grade 5	7 00
Grade 6	10 00
No. 37—Fore-End Nut	6
No. 38—Guard	
Grade 1, 2 and 3	3
Grade 4	4 00
Grade 5	6 00
Grade 6	10 00

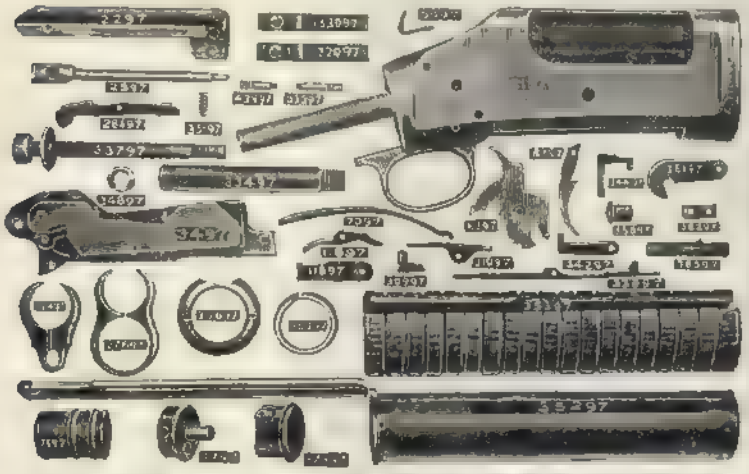
	Each
No. 39—Main Spring	$ 0.25
No. 40—Magazine Lever	.60
No. 41—Magazine Lever Pin	.10
No. 42—Magazine Lever Spring	.10
No. 43—Barrel Lug	1.00
No. 44—Magazine Lever Detent	20
No. 45—Barrel Lug Screw	.10
No. 46—Magazine Plug Screw	.10
No. 47, 48, 49—Magazine Tube Complete with Bushing and Two Lugs	2 00
No. 50—Magazine Plug	40
No. 51—Magazine Follower	10
No. 52—Magazine Spring	20
No. 53—Receiver	
Grade 1, 2 and 3	10 00
Grade 4	20 00
Grade 5	30 00
Grade 6	60 00
No. 54—Safety Slide Ball	.10
No. 55—Safety Slide	35

	Each
No. 55½—Safety Slide Complete with Ball, Plug and Spring	$0 35
No. 56—Safety Slide Pin	.10
No. 57—Safety Slide Spring	10
No. 58—Safety Slide Plug	.10
No. 59—Sear	.50
No. 60—Sear Pin	.10
No. 61—Sear Spring	.20
No. 62—Sear Spring Screw	.10
No. 63—Tang Screw	.10
No. 64—Trigger	1 00
No. 65—Trigger Pin	.10
No. 66—Trigger Spring	.10
No. 68—Tang Screw Check Screw	10
No. 69—Action Bar Lock Shoe	25
No. 71—Breech Block Detent Pin	.10
No. 72—Magazine Lever Detent Retaining Pin	0
No. 73—Magazine Lug Rivet	10
No. 74—Guard Screw	10
No. 75—Front Sight	10
No. 76—Fore-End Rivet	10

Goods on this Page Not Carried in Stock, Furnished Direct from Factory Only.

Component Shot Gun Parts.

WINCHESTER REPEATING, MODEL 1897

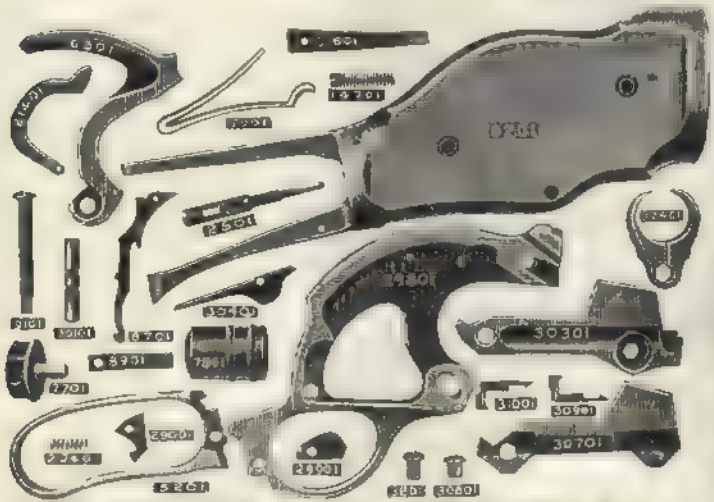


		Each
No. 34897	Cartridge Guide Friction Spring	$0.20
No. 34997	Cartridge Guide Rivet	.05
No. 6397	Hammer with Stirrup and Stirrup Pin	.75
No. 13197	Hammer Pin	.05
No. 6497	Hammer Stirrup	.10
No. 6597	Hammer Stirrup Pin	.05
No. 11697	Sear	.30
No. 11797	Sear Pin	.05
No. 11897	Sear Spring	.20
No. 11997	Sear Spring Screw	.05
No. 35997	Action Slide Lock	.35
No. 34097	Action Slide Lock Joint Pin	.05
No. 34197	Action Slide Lock Joint Pin Stop Screw	.05
No. 34297	Action Slide Lock Spring	.05
No. 34397	Action Slide Lock Spring Screw	.05
No. 34497	Action Slide Lock Release Plunger	.20
No. 35897	Action Slide	$1 00
No. 36997	Adjusting Sleeve	.75
No. 37097	Adjusting Sleeve Lock	.25
No. 37197	Adjusting Sleeve Lock Screw	.05
No. 297	Barrel	10.00
No. 37297	Barrel Chamber Ring	.50
No. 37397	Barrel Chamber Ring Retaining Screws (2), each	.05
No. 37497	Extension Top Screw	.10
No. 7297	Main Spring Strain Screw	$0 05
No. 7097	Main Spring	.50
No. 34597	Main Spring Pin	.06
No. 3497	Carrier Complete	6 35
No. 34697	Carrier Pin	.05
No. 34797	Carrier Pin Stop Screw	.05
No. 32897	Cartridge Guide Stop Screw	.05
No. 32879	Cartridge Guide Stop Screw	.05
No. 32997	Cartridge Stop, Right Hand	.45
No. 33097	Cartridge Stop, Left Hand	.45
No. 33297	Cartridge Stop Spring	.05
No. 33397	Cartridge Stop Screw, Right Hand	.05
No. 43097	Cartridge Stop Screw, Left Hand	.05
No. 5097	Ejector Spring	.10
No. 20997	Ejector Spring Screw	.05
No. 32797	Ejector Pin	.10
No. 10897	Front Sight	.05
No. 7497	Magazine Tube	1 65
No. 32497	Magazine Band	.10
No. 4097	Cartridge Guide	.30
No. 32597	Magazine Band Screw	$0 05
No. 7797	Magazine Plug	.50
No. 7897	Magazine Plug Screw	.05
No. 7697	Magazine Spring	.15
No. 7597	Magazine Follower	.10
No. 7397	Magazine Complete	2 10
No. 32697	Magazine Stop Screw	.05
No. 8297	Receiver	8 00
No. 9097	Guard Bow	1 50
No. 8597	Trigger Pin	.05
No. 33497	Receiver Shank	1.00
No. 8197	Receiver Complete	11 00
No. 33797	Receiver Shank Bolt	.30
No. 33697	Receiver Shank Bolt Washer	.05
No. 33797	Receiver Shank Bolt Complete	.35
No. 8797	Trigger	.20
No. 8997	Trigger Spring	.05
No. 33897	Trigger Stop Screw	.05

MODEL 1897, TAKE DOWN

		Each
No. 37597	Magazine Tube	$2 65
No. 37697	Magazine Band	.10
No. 37797	Magazine Band Bushing	.25
No. 37897	Magazine Band Bushing Screws (2), each	.07
No. 37997	Magazine Plug	.60
No. 38097	Magazine Plug Screws (2), each	.05
No. 38187	Magazine Plug Stop	$0 10
No. 38297	Magazine Stop	.05
No. 38397	Magazine Stop Screw (2), each	.05
No. 38497	Magazine Spring	.15
No. 38597	Magazine Locking Pin and Spring	.25
No. 38697	Magazine Locking Pin Spring	.10
No. 38797	Magazine Follower	.15
No. 40397	T. D. Magazine Complete	4 65

MODEL 1901



		Each
No. 101	Barrel	$15 00
No. 29801	Barrel Block	1 10
No. 29801	Breech Block Stud	.10
No. 30001	Breech Block Stud Screw	.05
No. 30101	Breech Block Pin	.10
No. 3801	Butt Stock	3 40
No. 3101	Butt Plate	.85
No. 3201	Butt Plate Screws (2), each	.07
No. 2601	Butt Stock Complete	4 00
No. 30301	Carrier, Right Hand	1 10
No. 30401	Cartridge Lifter	.05
No. 30501	Cartridge Lifter Pin	.05
No. 30601	Cartridge Lifter Stop Pin	.05
No. 30201	Carrier, Right Hand, Complete	1 45
No. 30701	Carrier Left Hand	.50
No. 801	Carrier Screws (2), each	.05
No. 30801	Carrier Stop Screw	.05
No. 30901	Extractor, Right Hand	.09
No. 14701	Extractor, Plunger and Spring (2) each	.10
No. 31001	Extractor Left Hand	.09
No. 31101	Extractor Springs (2), each	.05
No. 31201	Extractor Guide Screw	.05
No. 5201	Finger Lever	1 65
No. 29601	Finger Lever Lock	.25
No. 31501	Finger Lever Lock Pin	.07
No. 31601	Finger Lever Lock Spring	.05
No. 31701	Finger Lever Lock Spring Screw	.05
No. 31801	Finger Lever Joint Pin	.10
No. 22401	Finger Lever Spring	.05
No. 2501	Firing Pin	.05
No. 21401	Firing Pin Retractor	.05
No. 2601	Firing Pin Stop Pin	.05
No. 31001	Firing Pin Extractor Pin	.05
No. 32001	Forearm Screw, Right or Left Hand, each	$0 75
No. 32101	Forearm Screw, Front or Rear, each	.05
No. 6101	Hammer	1 20
No. 32301	Main Spring Roll	.05
No. 32201	Main Spring Roll Pin	.05
No. 6201	Hammer Complete	1 75
No. 7001	Main Spring	$0 75
No. 7101	Magazine Tube	1 45
No. 32101	Magazine Band	.60
No. 32501	Magazine Band Screw	.05
No. 7501	Magazine Follower	.15
No. 7001	Magazine Spring	.15
No. 7701	Magazine Plug	.50
No. 7801	Magazine Plug Screw	.05
No. 7301	Magazine Complete	2 50
No. 8201	Receiver	14 00
No. 8701	Trigger	.40
No. 8801	Trigger Pin	.05
No. 8901	Trigger Spring	.05
No. 9001	Trigger Spring Screw	.05
No. 9101	Upper Tang Screw	.10

In ordering Parts, give Name, Number and Caliber of Shot Gun.

Goods on this Page Not Carried in Stock, Furnished Direct from Factory Only.

Component Shot Gun Parts.

WINCHESTER REPEATING, MODEL 1912

		Each
No. 35212	Action Slide	$2 75
No. 35312	Action Slide Handle	75
No. 35612	Action Slide Sleeve Screw Cap	.50
No. 36812	Action Slide Complete	4 00
No. 49212	Action Slide Handle Retaining Spring	05
No. 49312	Action Slide Lock and Spring	1.00
No. 34212	Action Slide Lock Spring	07
No. 40112	Action Slide Lock Pivot	05
No. 36012	Action Slide Spring	10
No. 36912	Adjusting Sleeve	75
No. 37012	Adjusting Sleeve Lock	10
No. 37112	Adjusting Sleeve Lock Screw	05
No. 112	Barrel	10 00
No. 212	Barrel with Raised Matted Rib	17 00
No. 37212	Barrel Chamber Ring	10
No. 49512	Barrel Chamber Ring Screws (2) Ea	05
No. 2212	Breech Bolt	4 75
No. 49012	Breech Bolt Retaining Lever	35
No. 49712	Breech Bolt Retaining Lever Pin	05
No. 30912	Extractor, Right Hand	.25
No. 31012	Extractor, Left Hand	.25
No. 49812	Extractor Spring, Right Hand	.05
No. 49912	Extractor Spring, Left Hand	05
No. 50012	Extractor Spring Plunger, Right Hand	.05
No. 31312	Extractor Pin, Left Hand	05
No. 2512	Firing Pin	25
No. 21412	Firing Pin Retractor	25
No. 50112	Firing Pin Retractor Screw	05
No. 50212	Firing Pin Retractor Spring	05
No. 2112	Breech Bolt Complete	5 45
No. 3012	Butt Stock	3.00
No. 3112	Butt Plate	80
No. 3212	Butt Plate Screws (2), Each	.05
No. 2912	Butt Stock Complete	3.90
No. 15412	Butt Stock Bolt	30
No. 15512	Butt Stock Bolt Washer	.05

		Each
No. 18712	Butt Stock Bolt Complete	$0 35
No. 3412	Carrier	1 75
No. 50312	Carrier Plunger	05
No. 50412	Carrier Plunger Spring	05
No. 50512	Carrier Plunger Screw	05
No. 3312	Carrier Complete	1 30
No. 50612	Carrier Pivot	05
No. 12312	Carrier Spring	05
No. 20712	Cartridge Cut Off	.75
No. 30712	Ejector with Spring	50
No. 5012	Ejector Spring	.05
No. 6312	Hammer	75
No. 15912	Hammer Spring Guide Rod	20
No. 16012	Hammer Spring Guide Rod Pin	05
No. 30012	Hammer Complete	1 00
No. 13112	Hammer Pin	.05
No. 14312	Hammer Spring	10
No. 7412	Magazine Tube	3 50
No. 37612	Magazine Band	60
No. 37712	Magazine Band Bushing	25
No. 37812	Magazine Band Bushing Screws (2), Each	05

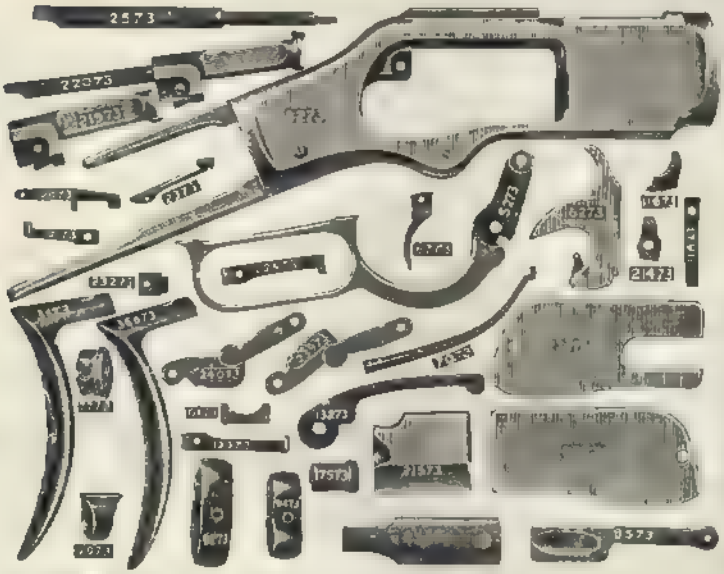
		Each
No. 7512	Magazine Follower	$0 10
No. 38512	Magazine Locking Pin and Spring	25
No. 38612	Magazine Locking Pin Spring	10
No. 7712	Magazine Plug	50
No. 38112	Magazine Plug Stop	25
No. 38012	Magazine Plug Screws (2), Each	05
No. 7612	Magazine Spring	15
No. 7312	Magazine Complete	3 95
No. 8212	Receiver	12 00
No. 33412	Receiver Shank	.25
No. 13612	Guard	3 75
No. 51012	Guard Screw	05
No. 8112	Receiver Complete	16.00
No. 50812	Receiver Extension	2 50
No. 8712	Trigger	.35
No. 17912	Trigger Lock	20
No. 18012	Trigger Lock Plunger	05
No. 18112	Trigger Lock Plunger Spring	05
No. 19112	Trigger Lock Plunger and Spring Complete	30
No. 8912	Trigger Spring	05
No. 8812	Trigger Pin	05

In Ordering Parts Give Name Number and Gauge of Shot Gun

Goods on this Page Not Carried in Stock, Furnished Direct from Factory Only.

Component Rifle Parts.

WINCHESTER REPEATING, MODEL 1873



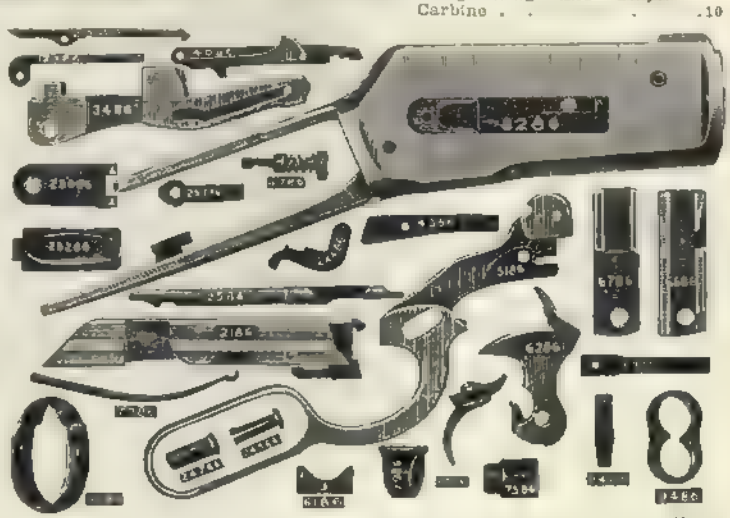
		Each
No.	173—Barrel, Round	$6 50
No.	273—Barrel, Octagon	8 00
No.	373—Barrel, Half Octagon	8 00
No.	473—Barrel, Carbine	6 00
No.	573—Barrel, Musket	7 00
No.	3073—Butt Stock	1 80
No.	30473—Butt Plate, .38 Caliber	80
No.	3473—Butt Plate Screws (2), each	05
No.	30773—Butt Stock Complete, .38 Caliber	2 70
No.	3073—Butt Stock	1 80
No.	4473—Butt Plate, .38 and .44 Caliber Complete	1 10
No.	1273—Butt Plate Screws (2), each	05
No.	21073—Butt Plate Slide	05
No.	21773—Butt Plate Slide Spring	10
No.	21873—Butt Plate Slide Spring Screw	05
No.	2973—Butt Stock Complete, .38 and .44 Caliber	1 00
No.	21973—Breech Pin Base	60
No.	2773—Firing Pin	60
No.	21473—Firing Pin Extractor	05
No.	2373—Extractor	25
No.	2473—Extractor Pin	05
No.	21273—Link Pin	05
No.	22073—Breech Pin Complete	65
No.	21573—Carrier Block	40
No.	13273—Carrier Lever	35
No.	13373—Carrier Lever Spring	10
No.	13473—Carrier Lever Spring Screw	05
No.	0473—Front Band, Carbine	40
No.	0573—Front Band Screw, Carbine	05
No.	5873—Forearm	60
No.	5973—Forearm Tip	80
No.	6073—Forearm Tip Screws (2), each	05
No.	6173—Forearm Tip Tenon	10
No.	3273—Finger Lever	1 00
No.	22173—Finger Lever Cam	10
No.	5173—Finger Lever Complete	1 40
No.	24473—Finger Lever Screw	05
No.	22473—Finger Lever Link Pin	05

No.	22473—Finger Lever Spring	$0.20
No.	22573—Finger Lever Spring Screw	.05
No.	22673—Finger Lever Catch	.20
No.	22773—Finger Lever Catch Pin	.05
No.	22873—Finger Lever Catch Spring	.05
No.	30473—Finger Lever Catch, Complete	.30
No.	0373—Hammer	.60
No.	6473—Hammer Stirrup	10
No.	6573—Hammer Stirrup Pin	05
No.	6273—Hammer Complete	70
No.	13173—Hammer Pin	05
No.	14473—Lower Tang Screw	05
No.	7473—Magazine Tube	1 50
No.	7771—Magazine Plug	10
No.	7873—Magazine Plug Screw	05
No.	7073—Magazine Spring	10
No.	7573—Magazine Follower	05
No.	7071—Magazine Ring	30

No.	8073—Magazine Ring Pin	$0.05
No.	7373—Magazine Complete	2.45
No.	22973—Mortise Cover	25
No.	23073—Mortise Cover Spring	.05
No.	23173—Mortise Cover Spring Screw	.05
No.	23273—Mortise Cover Stop	.25
No.	23373—Mortise Cover Stop Screw	.05
No.	23573—Mortise Cover Complete	75
No.	7073—Main Spring	1
No.	7173—Main Spring Screw	05
No.	7273—Main Spring Strain Screw	05
No.	9271—Rear Band, Carbine	40
No.	9373—Rear Band Screw, Carbine	05
No.	8273—Receiver Complete with Lower Tang	9 40
No.	8573—Lower Tang	1 30
No.	23173—Side Plate Right Hand	80
No.	23273—Side Plate Left Hand	60
No.	23873—Side Plate Screw	05

No.	8173—Receiver Complete	10 95
No.	8573—Spring Cover	90
No.	8673—Spring Cover Screw	05
No.	23073—Link, Right Hand, Complete	60
No.	24073—Link, Left Hand Complete	60
No.	11673—Sear	40
No.	11873—Sear Spring	10
No.	11973—Sear Spring Screw	05
No.	11773—Sear Pin	05
No.	12073—Shell, Outer	15
No.	12273—Shell Catch, Pin	05
No.	12173—Shell Catch Spring	05
No.	8773—Trigger	40
No.	9173—Upper Tang Screw	05
No.	20573—Wiping Rod, Rifle	35
No.	24173—Wiping Rod Carbine	30
No.	24273—Wiping Rod Musket	45
No.	2417—Sling Ring and Staple, Carbine	10

MODEL 1886



		Each
No.	186—Barrel, Round	$ 6 00
No.	286—Barrel, Round, Nickel Steel	10 00
No.	386—Barrel, Octagon	8 00
No.	486—Barrel, Half Octagon	8 00
No.	586—Barrel, Carbine	6 00
No.	686—Barrel Musket	7 00
No.	2286—Breech Bolt	3 00
No.	2386—Extractor	65
No.	2486—Extractor Pin	05
No.	2586—Firing Pin	05
No.	2886—Firing Pin Stop Pin	10
No.	2186—Breech Bolt, Complete	10 00
No.	3086—Butt Stock	1 80
No.	3186—Butt Plate	80
No.	3286—Butt Plate Screws (2), each	05
No.	2986—Butt Stock Complete	2 70
No.	3486—Carrier	2 00
No.	12386—Carrier Spring	05
No.	12486—Carrier Spring Screw	05
No.	24486—Carrier Hook	05
No.	4886—Ejector	05
No.	4986—Ejector Collar	05
No.	5086—Ejector Spring	05
No.	4786—Ejector Complete	40
No.	4086—Cartridge Guide	05
No.	4086—Cartridge Guide Screw	05
No.	4386—Cartridge Stop	05
No.	24586—Cartridge Stop Screw	05
No.	5286—Finger Lever	1 60
No.	5386—Friction Stud	10
No.	5486—Friction Stud Spring	10
No.	5586—Friction Stud Stop Pin	05
No.	5186—Finger Lever Complete	1 80
No.	24786—Finger Lever Bushing	10
No.	24886—Finger Lever Bushing Pin	05
No.	24086—Finger Lever Connecting Pin	$0 05
No.	5886—Forearm	.80
No.	5986—Forearm Tip	.35
No.	6086—Forearm Tip Screws (2) each	.05
No.	6186—Forearm Tip Tenon	.15
No.	0486—Front Band Carbine	.40
No.	0586—Front Band Screw, Carbine	.05
No.	6386—Hammer	.60
No.	6486—Hammer Stirrup	.10
No.	6586—Hammer Stirrup Pin	.05
No.	6286—Hammer, complete	.75
No.	6086—Locking Bolt, Right Hand	.35
No.	6786—Locking Bolt, Left Hand	.30
No.	14486—Lower Tang Screw	.05
No.	7486—Magazine Tube	1 75
No.	7086—Magazine Spring	.10
No.	7786—Magazine Plug	.15

		Each.
No.	7886—Magazine Plug Screw	$0 05
No.	7586—Magazine Follower	.05
No.	7086—Magazine Ring	.35
No.	7386—Magazine Complete	4 00
No.	7086—Main Spring	.30
No.	7286—Main Spring Strain Screw	.05
No.	8286—Receiver with Lower Tang	11 95
No.	8386—Lower Tang	1.95
No.	8486—Hammer Screw	.05
No.	8186—Receiver Complete	12.00
No.	9286—Rear Band, Carbine	.40
No.	9386—Rear Band Screw, Carbine	.05
No.	23086—Spring Cover Base	.30
No.	23186—Spring Cover Base Screw	.05
No.	23286—Spring Cover Leaf	.30
No.	23386—Spring Cover Leaf Spring	.10
No.	23486—Spring Cover Leaf Joint Pin	.05

		Each
No.	23586—Spring Cover Stop Pin	$0 05
No.	23686—Spring Cover Complete	.85
No.	8786—Trigger	.30
No.	8886—Trigger Pin	.05
No.	8986—Trigger Spring	.10
No.	9086—Trigger Spring Screw	.05
No.	9186—Upper Tang Screw	.05

MODEL 1886, "TAKE DOWN"

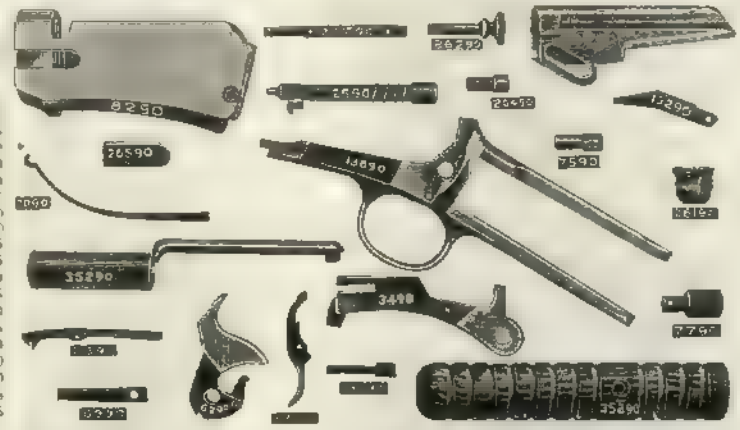
No.	30486—Extension Adjusting Screw	$0.05
No.	38586—Magazine Tube	1.75
No.	39086—Magazine Lever	.80
No.	39786—Magazine Lever Screw	.05
No.	39886—Magazine Lever Plunger	.05
No.	39986—Magazine Lever Plunger Spring	.05
No.	40086—Magazine Plug	.30
No.	40186—Magazine Plug Screw	.05
No.	40286—Magazine Follower Stop Ring	.05

In ordering Parts, Give Name, Number and Caliber of Rifle.

Goods on this Page Not Carried in Stock, Furnished Direct from Factory Only

Component Rifle Parts.

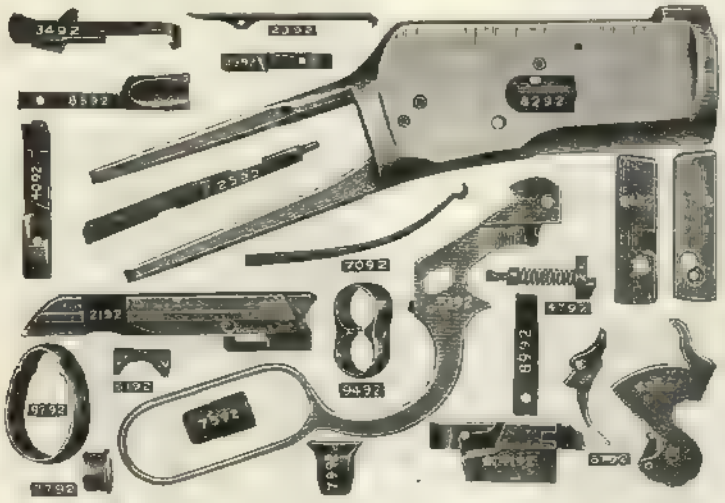
WINCHESTER REPEATING, MODEL 1890



	Each
No. 35290—Action Side	$0 80
No. 35390—Action Side Handle	45
No. 35490—Action Side Handle Escutcheons (2) each	05
No. 36590—Action Slide Handle Complete	50
No. 35590—Action Slide Handle Screws (2), each	05
No. 190—Barrel, Octagon, 24 inch	4 00
No. 3090—Butt Stock	1 80
No. 3190—Butt Plate	80
No. 3290—Butt Plate Screws (2), each	05
No. 2990—Butt Stock Complete	2 70
No. 2290—Breech Bolt	1 40
No. 2390—Extractor	25
No. 2490—Extractor Pin	05
No. 2590—Firing Pin and Spring	50
No. 10590—Firing Pin Spring	05
No. 25790—Firing Pin Stop	10
No. 25890—Firing Pin Stop Screws (2), each	05
No. 2190—Breech Bolt Complete	2 70
No. 6390—Hammer	60
No. 6490—Hammer Stirrup	10
No. 6590—Hammer Stirrup Pin	05
No. 6290—Hammer Complete	.75

No. 3490—Carrier	$0 80
No. 13290—Carrier Lever	10
No. 13590—Carrier Lever Pin	05
No. 13390—Carrier Lever Spring	05
No. 13490—Carrier Lever Spring Screw	05
No. 25990—Trigger Stop Pin	05
No. 3390—Carrier Complete	1 10
No. 19890—Magazine Tube, Outside	1 25
No. 19090—Magazine Tube Inside	95
No. 7790—Magazine Plug	10
No. 19790—Magazine Plug Pin	05
No. 7690—Magazine Spring	10
No. 7590—Magazine Follower	$0 10
No. 20090—Magazine Tube Inside Complete	1 30
No. 19690—Magazine Friction Spring	05
No. 26090—Magazine Ring Front	30
No. 26190—Magazine Ring Rear	30
No. 8090—Magazine Ring Pin	05
No. 7690—Main Spring	30
No. 7190—Main Spring Screw	05
No. 7290—Main Spring Strain Screw	05
No. 8290—Receiver	4 50
No. 13690—Guard	2 50
No. 26290—Assembling Screw	$0 15
No. 26390—Assembling Screw Stop Pin	05
No. 26490—Assembling Screw Bushing	10
No. 26590—Side Cover	15
No. 26690—Slide Cover Stop Screw	05
No. 8190—Receiver Complete	7 50
No. 8790—Trigger	30
No. 8890—Trigger Pin	05
No. 8890—Trigger Spring	05
No. 9090—Trigger Spring Screw	05
No. 9190—Upper Tang Screw	05
No. 28590—Wiping Rod	15

MODEL 1892



	Each
No. 102—Barrel, Round	$6 50
No. 202—Barrel, Octagon	8 00
No. 302—Barrel Half Octagon	8 50
No. 402—Barrel Carbine	6 50
No. 502—Barrel, Musket	7 00
No. 2202—Breech Bolt	1 75
No. 2302—Extractor	25
No. 2402—Extractor Pin	05
No. 2502—Firing Pin	50
No. 2602—Firing Pin Stop Pin	05
No. 2702—Ejector Guide	10
No. 2802—Ejector Guide Pins (2), each	05
No. 2102—Breech Bolt Complete	2 80
No. 3002—Butt Stock	1 80
No. 3102—Butt Plate	80
No. 3202—Butt Plate Screws (2), each	05
No. 2802—Butt Stock Complete	2 70
No. 3402—Carrier	50
No. 3502—Carrier Stop	05
No. 3602—Carrier Stop Pin	05
No. 3702—Carrier Stop Spring	05
No. 3302—Carrier Complete	65
No. 3802—Carrier Screws (2), each	05
No. 3002—Cartridge Guide, Right Hand	25
No. 4002—Cartridge Guide, Left Hand, .38 and .44 Caliber, Complete	30

	Each
No. 4292—Cartridge Guide, Left Hand .32 Caliber	$0 30
No. 4302—Cartridge Stop	10
No. 4402—Cartridge Stop Joint Pin	05
No. 4102—Cartridge Guide, Left Hand, .32 Caliber, Complete	35
No. 4502—Cartridge Stop Spring	05
No. 4602—Cartridge Guide Screws (2) each	05
No. 4802—Ejector	20
No. 4902—Ejector Collar	05
No. 5002—Ejector Spring	05
No. 4702—Ejector Complete	45
No. 5202—Finger Lever	1 00
No. 5402—Friction Stud	05
No. 5402—Friction Stud Spring	05
No. 5502—Friction Stud Stop Pin	05
No. 5102—Finger Lever Complete	1 65
No. 5002—Finger Lever Pin	05
No. 5702—Finger Lever Pin Stop Screw	05
No. 5802—Forearm	$3 60
No. 5902—Forearm Tip	85
No. 6002—Forearm Tip Screws (2) each	05
No. 6102—Forearm Tip Tenon	15
No. 9402—Front Band, Carbine	40
No. 9502—Front Band Screw, Carbine	05
No. 6302—Hammer	60
No. 6402—Hammer Stirrup	10
No. 6502—Hammer Stirrup Pin	05
No. 6202—Hammer Complete	75
No. 6002—Locking Bolt, Right Hand	25
No. 6702—Locking Bolt, Left Hand	30
No. 6802—Locking Bolt Pin	05
No. 6902—Locking Bolt Pin Stop Screw	05
No. 7002—Main Spring	30
No. 7102—Main Spring Screw	05
No. 7202—Main Spring Strain Screw	05
No. 7302—Magazine Tube	1 75
No. 7502—Magazine Follower	0a
No. 7602—Magazine Spring	$0 10
No. 7702—Magazine Plug	10
No. 7802—Magazine Plug Screw	05
No. 7902—Magazine Ring	30
No. 8002—Magazine Ring Pin	10
No. 7302—Magazine Complete	4 00
No. 8202—Receiver with Lower Tang	7 95
No. 8302—Lower Tang	1 45
No. 8402—Hammer Screw	05
No. 8102—Receiver Complete	8 00
No. 9202—Rear Band, Carbine	35
No. 9302—Rear Band Screw, Carbine	05
No. 8502—Spring Cover	35
No. 8602—Spring Cover Screw	05
No. 8702—Trigger	35
No. 8802—Trigger Pin	05
No. 8002—Trigger Spring	05
No. 9002—Trigger Spring Screw	05
No. 9102—Upper Tang Screw	05

In ordering Parts Give Name, Number and Caliber of Rifle.

Goods on this Page Not Carried in Stock, Furnished Direct from Factory Only.

Component Rifle Parts.

WINCHESTER REPEATING, MODEL 1894

		Each
No. 194	Barrel, Round	$ 6 50
No. 294	Barrel, Round, Extra Light	7 00
No. 394	Barrel, Round, Nickel Steel	10 00
No. 494	Barrel, Round, Nickel Steel, Extra Light	12.00
No. 594	Barrel Octagon	8.00
No. 694	Barrel Octagon, Extra Light	8 50
No. 794	Barrel Octagon, Nickel Steel	11 50
No. 894	Barrel, Octagon, Nickel Steel, Ex Light	12 50
No. 994	Barrel, Half Octagon	8 00
No. 1094	Barrel, Half Octagon, Extra Light	9 00
No. 1194	Barrel, Half Octagon, Nickel Steel	1 00
No. 1294	Barrel, Half Octagon, Nickel Steel, Extra Light	14 00
No. 1394	Barrel, Carbine	9 00
No. 1494	Barrel Carbine Nickel Steel	10 00
No. 2294	Breech Bolt	1 75
No. 2394	Extractor	25
No. 2494	Extractor Pin	05
No 2594	Firing Pin	50
No 2694	Firing Pin Stop Pin	05
No. 2194	Breech Bolt Complete	3 60
No. 3094	Butt Stock	1 85
No. 3194	Butt Plate	50
No. 3294	Butt Plate Screws (2) Each	05
No. 3894	Butt Stock Complete	2 70
No. 3494	Carrier	75
No. 3494	Carrier Screws (2) Each	07

		Each.
No. 12394	Carrier Spring	$0.25
No. 12494	Carrier Spring Screw	.05
No. 3994	Cartridge Guide, Right Hand	10
No. 4294	Cartridge Guide, Left Hand	.10
No. 4694	Cartridge Guide Screws (2)	07
No. 4894	Ejector	30
No. 5094	Ejector Spring	.05
No. 28794	Ejector Stop Pin	.05
No. 4794	Ejector Complete	4
No. 5294	Finger Lever	1 85
No. 5694	Finger Lever Pin	.05
No. 7794	Finger Lever Pin Stop Screw	07
No. 28894	Finger Lever Link Screw	05
No. 5894	Forearm	60
No. 5994	Forearm Tip	8
No. 6094	Forearm Tip Screws (2), Each	.05
No. 6194	Forearm Tip Tenon	15
No. 9494	Front Band, Carbine	.40
No. 9594	Front Band Screw, Carbine	.05

		Each
No. 6394	Hammer	$0.60
No. 6494	Hammer Stirrup	.10
No. 6594	Hammer Stirrup Pin	05
No. 6294	Hammer Complete	75
No. 13094	Link	1 00
No. 5394	Friction Stud	.10
No. 5494	Friction Stud Spring	05
No. 5594	Friction Stud Stop Pin	05
No. 12994	Link Complete	1.20
No. 21294	Link Pin	.05
No. 21394	Link Pin Stop Screw	05
No. 12894	Locking Bolt	50
No. 12694	Firing Pin Striker	.05
No. 12794	Firing Pin Striker Stop Pin	05
No 12594	Locking Bolt Complete	60
No. 7094	Main Spring	20
No. 7194	Main Spring Screw	05
No. 7294	Main Spring Strain Screw	.05
No. 7494	Magazine Tube	1.50
No. 7594	Magazine Follower	05
No. 7694	Magazine Spring	.10
No. 7794	Magazine Plug	.10

		Each.
No. 7894	Magazine Plug Screw	$0.05
No. 7994	Magazine Ring	30
No. 8094	Magazine Ring Pin	05
No. 7394	Magazine Complete	2 45
No. 8294	Receiver with Lower Tang	7 95
No. 8394	Lower Tang	1 45
No. 8494	Hammer Screw	05
No. 8194	Receiver Complete	8 00
No. 8694	Rear Band, Carbine	35
No. 8394	Rear Band Screw, Carbine	07
No. 8594	Spring Cover	35
No. 8694	Spring Cover Screw	05
No. 11694	Sear	20
No. 11794	Sear Pin	05
No 11894	Sear Spring	05
No. 11994	Sear Spring Screw	05
No. 12094	Safety Catch	15
No. 12294	Safety Catch Pin	05
No 12194	Safety Catch Spring	05
No. 8794	Trigger	20
No. 9194	Upper Tang Screw	05

MODEL 1894, "TAKE DOWN"

		Each.
No 39494	Extension Adjusting Screw	$0 05
No 39594	Magazine Tube	1.80
No. 39694	Magazine Lever	.60
No. 39794	Magazine Lever Screw	05
No 39894	Magazine Lever Plunger	$0 05
No. 39994	Magazine Lever Plunger Spring	.05

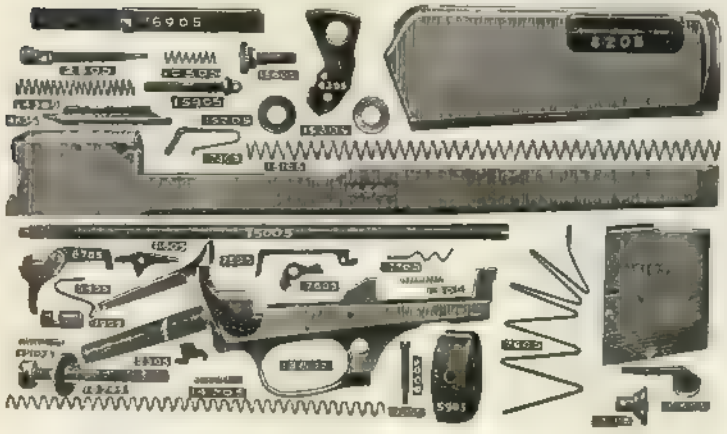
		Each
No. 40094	Magazine Plug	$0.36
No. 40194	Magazine Plug Screw	07
No. 40294	Magazine Follower Stop Ring	.05

In ordering Parts Give Name, Number and Caliber of Rifle

Goods on this Page Not Carried in Stock, Furnished Direct from Factory Only.

Component Rifle Parts.

WINCHESTER SELF-LOADING, MODEL 1905



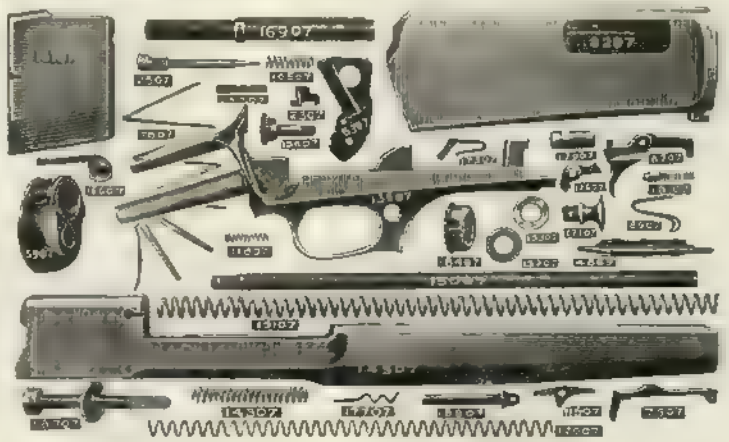
	Each
No. 105—Barrel	$8 00
No. 14505—Bolt	7 00
No. 2305—Extractor	40
No. 14705—Extractor Plunger and Spring	.10
No. 14805—Extractor Plunger Spring	.05
No. 14905—Extractor Plunger Stop Screw	.05
No. 2505—Firing Pin	65
No. 10505—Firing Pin Spring	05
No 2605—Firing Pin Stop Pin	05
No. 11305—Bolt Complete	$ 30
No. 15005—Bolt Guide Rod	25
No. 15105—Bolt Spring	15
No. 15205—Buffers (2), each	.10
No. 15305—Buffer Washers (2), each	.05
No. 3005—Butt Stock	1.80
No. 3105—Butt Plate	.50
No. 3205—Butt Plate Screws (2), each	.05
No. 2905—Butt Stock Complete	2 40
No. 15405—Butt Stock Bolt	.30
No. 15505—Butt Stock Bolt Washer	.05
No. 15705—Butt Stock Bolt Complete	.35
No. 5905—Forearm	1 00

	Each
No. 5905—Forearm Tip	$1.40
No 6005—Forearm Tip Screws	.05
No. 6305—Hammer	1 00
No 13105—Hammer Pin	05
No 14305—Hammer Spring	.10
No 15905—Hammer Spring Guide Rod	.20
No. 16005—Hammer Spring Guide Rod Pin	.05
No 16105—Magazine	.75
No. 7005—Magazine Spring	.25
No. 7505—Magazine Follower	.40
No. 16205—Magazine Follower Roll	.05
No. 16305—Magazine Follower Roll Pin	.05
No. 18805—Magazine, .32 Caliber, Complete	1.50
No. 16105—Magazine	.75
No. 7005—Magazine Spring	.20
No. 7505—Magazine Follower	.40

	Each
No. 16205—Magazine Follower Roll	$0 05
No. 16305—Magazine Follower Roll Pin	.05
No. 18005—Magazine Safety Lever Cam	1 50
No. 16605—Magazine Lock	.50
No. 16705—Magazine Lock Screw	.05
No. 16805—Magazine Lock Spring	.05
No. 16905—Operating Sleeve	.75
No. 17005—Operating Sleeve Spring	.10
No. 17105—Operating Sleeve Tip	.15
No. 17205—Operating Sleeve Tip Pin	.05
No. 19005—Operating Sleeve Tip Complete	.20
No. 8205—Receiver	8.25
No. 13805—Guard with Shank	5.25
No 13705—Guard Shank	25
No. 4805—Ejector	.50
No. 15805—Take Down Screw	30

	Each
No. 15705—Take Down Screw Bushing	$0 15
No. 15805—Take Down Screw Stop Pin	15
No. 8105—Receiver Complete	14 50
No. 11605—Sear	30
No. 11805—Sear Spring	05
No. 17305—Take Down Screw Lock	45
No. 17605—Timing Lever	50
No. 17705—Timing Lever Spring	10
No. 17805—Timing Lever Spring Screw	05
No. 8705—Trigger	85
No. 17905—Trigger Lock	25
No. 18005—Trigger Lock Plunger	05
No. 18105—Trigger Lock Plunger Spring	05
No. 19105—Trigger Lock Plunger Complete	10
No. 8805—Trigger Pin	.05
No. 8905—Trigger Spring	10

WINCHESTER SELF-LOADING, MODEL 1907



	Each
No. 107—Barrel	$ 00
No 14507—Bolt	7 00
No. 2307—Extractor	40
No. 14707—Extractor Plunger and Spring	.10
No 14807—Extractor Plunger Spring	05
No 14907—Extractor Plunger Stop Screw	05
No. 2507—Firing Pin	65
No. 10507—Firing Pin Spring	05
No. 2607—Firing Pin Stop Pin	05
No. 11307—Bolt Complete	1 50
No 15007—Bolt Guide Rod	25
No. 15107—Bolt Spring	15
No 15207—Buffer	10
No. 15307—Buffer Washer	10
No 3007—Butt Stock	1 40
No. 3107—Butt Plate	.50
No 3207—Butt Plate Screws (2) each	05
No 2907—Butt Stock Complete	1 90
No. 15407—Butt Stock Bolt	30
No 15507—Butt Stock Bolt Washer	05
No 18707—Butt Stock Bolt Complete	35
No. 5907—Forearm	1 00
No. 5907—Forearm Tip	1 40
No. 18207—Forearm Tip Nut Plunger	05
No. 18307—Forearm Tip Nut Plunger, Spring	05

	Each
No. 18607—Forearm Tip Complete	$1.50
No. 18407—Forearm Tip Nut	.20
No 18507—Forearm Tip Key	05
No. 6307—Hammer	1 00
No. 13107—Hammer Pin	.05
No. 14307—Hammer Spring	.10
No. 15907—Hammer Spring Guide Rod	.20
No 16007—Hammer Spring Guide Rod Pin	05
No. 18107 Magazine	70
No. 7007—Magazine Spring	25
No. 7507 Magazine Follower	.45
No. 16207—Magazine Follower Roll	.05
No. 16307—Magazine Follower Roll Pin	05
No. 7307 Magazine Complete	1 50
No. 16607—Magazine Lock	.50

	Each
No. 16707—Magazine Lock Screw	$0.05
No. 16807—Magazine Lock Spring	05
No. 16907—Operating Sleeve	75
No. 17007—Operating Sleeve Spring	10
No. 17107—Operating Sleeve Tip	.20
No. 17207—Operating Sleeve Tip Pin	.05
No. 19007—Operating Sleeve Tip Complete	25
No. 8207—Receiver	8 25
No. 13807—Guard with Shank	5.25
No. 13707—Guard Shank	25
No. 4807—Ejector	.50
No. 15407—Take Down Screw	30
No. 15707—Take Down Screw Bushing	.15
No. 15907—Take Down Screw Stop Pin	.05

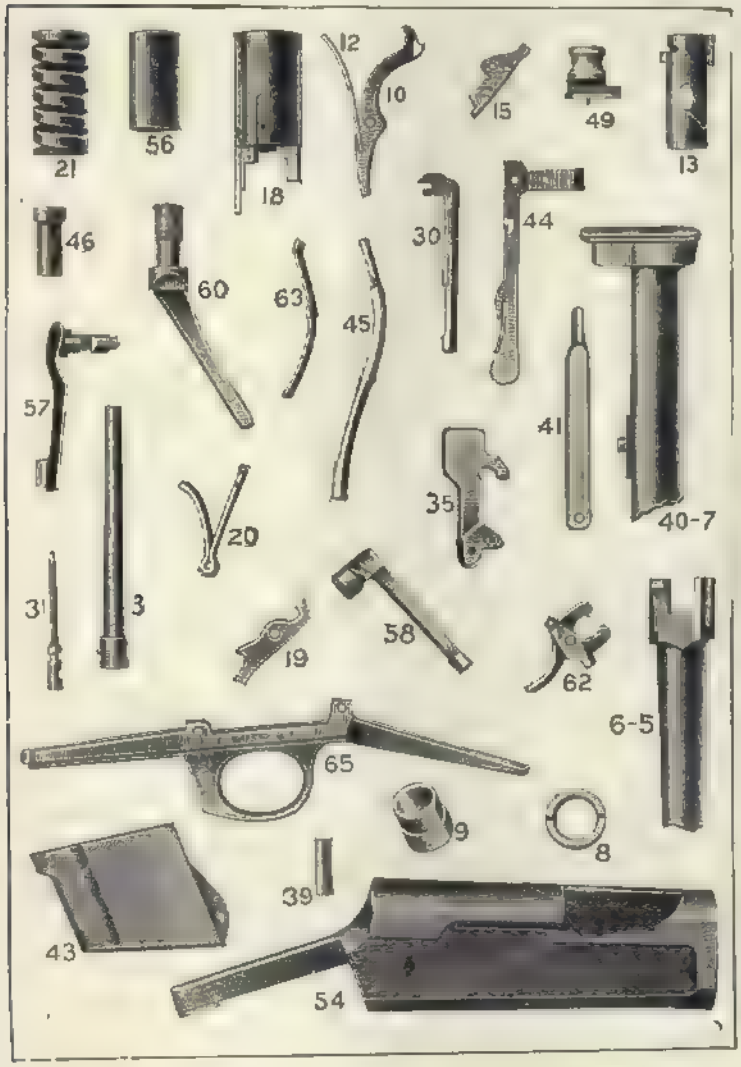
	Each
No. 8107—Receiver Complete	$14 50
No. 11607—Sear	30
No. 11807—Sear Spring	05
No. 17307—Take Down Screw Lock	45
No. 17607—Timing Lever	50
No. 17707—Timing Lever Spring	10
No. 17807—Timing Lever Spring Screw	05
No. 8707—Trigger	85
No. 17907—Trigger Lock	25
No. 18007—Trigger Lock Plunger	05
No. 18107—Trigger Lock Plunger Spring	05
No. 19107—Trigger Lock Plunger Complete	10
No. 8807—Trigger Pin	05
No. 8907—Trigger Spring	10

In ordering Parts, Give Name Number and Caliber of Rifle.

Goods on this Page Not Carried in Stock, Furnished Direct from Factory Only.

Component Rifle Parts.

REMINGTON AUTO-LOADING



	Each
No. 1—Action Spring	$0 40
No. 2—Action Spring Follower	35
No. 3—Action Spring Plug with Pin	.20
No 4—Action Spring Tube	50
No. 5—Barrel	8.00
No. 6—Barrel Extension	3 00
No. 7—Barrel Jacket	5 00
No. 8—Barrel Jacket Bushing	30
No. 9—Barrel Nut	10
No. 10—Barrel Lock	75
No. 11—Barrel Lock Screw	10
No. 12—Barrel Lock Spring	10
No. 13—Bolt	2 00
No. 14—Bolt Cam Pins, Each	10
No. 15—Bolt Lock	.30
No. 16—Bolt Lock Spring	25
No. 17—Bolt Lock Pin	10
No. 18—Bolt Carrier	2 00
No. 19—Bolt Carrier Latch	10
No. 20—Bolt Carrier Latch Spring	.15
No. 21—Buffer Spring	50
No. 22—Butt Stock, Plain	$3.50
No 23—Butt Plate	.85
No. 24—Butt Plate Screws, Each	.10
No. 25—Carrier Latch Screw	.10
No. 26—Ejector	.20
No 27—Ejector Pin	10
No. 28—Ejector Spring	.10
No. 29—Escutcheon	.20
No. 30—Extractor	.75
No. 31—Firing Pin	.50
No. 32—Firing Pin Pin	.10
No. 33—Forearm Plain	2 00
No. 34—Forearm Screw and Swivel	.25
No. 35—Hammer	.75
No. 36—Hammer Roll	15
No. 37—Hammer Roll Pin	.10
No. 38—Hammer Pin	.10

	Each.
No. 39—Hammer Bushing	$0 25
No. 40—Jacket Head	2.50
No. 41—Link	1.00
No. 42—Link Pin	.10
No. 43—Magazine	3 00
No. 44—Magazine Indicator, Thumb Piece and Spring	1 00
No. 45—Magazine Spring	.50
No. 46—Magazine Follower	.25
No. 47—Main Spring	.40
No. 48—Main Spring Screw	.10
No. 49—Operating Handle	.30
No. 50—Operating Handle Bushing	.25
No. 51—Operating Handle Plunger	.20
No. 52—Operating Handle Plunger Spring	.10
No. 53—Peep Sight Base Screw	.10
No. 54—Receiver	10 00

	Each
No. 55—Recoil Spring	$0 25
No. 56—Recoil Spring Case	.40
No. 57—Safety	.50
No. 58—Safety Rocker	.75
No. 59—Safety Rocker Stop Screw	.10
No. 60—Take Down Screw, Lever and Pin	.25
No. 61—Tang Screw	.10
No. 62—Trigger	.50
No. 63—Trigger Spring	.20
No. 64—Trigger Pin	.10
No. 65—Trigger Plate	2.50
No. 66—Trigger Plate Pin	.10
No. 67—Trigger Plate Screw	.10
No. 68—Rear Sight	1.00
No. 69—Front Sight	.30
No. 70—Front Sight Base	.25

In ordering Parts, Give Name, Number and Caliber of Rifle

Goods on this Page Not Carried in Stock, Furnished Direct from Factory Only.

Component Rifle Parts.

REMINGTON–U. M. C. HIGH POWER SPORTING

	Each
No. C 68—Guard	$ 3.00
No. C 275—Loading Door	1 00
No. C 76—Loading Door Pin	.10
No. C 277—Loading Door Plunger	.10
No. C 278—Loading Door Spring	.10
No. C285—Magazine Follower	25
No. C 86—Magazine Plug	1[illegible]
No. C 87—Magazine Plug Screw	.10
No. C 88—Magazine Ring	.30
No. C 89—Magazine Screw	.10
No. C 290—Magazine Spring	.15
No. C 291—Magazine Tube	2 00
No. C 92—Main Spring	.10
No. C 93—Main Spring Plug	.10
No. C 110—Receiver	10 00
No. C 112—Receiver Bushing Pin	10
No. C 113—Receiver Bushing Threaded	.10

	Each
No. C 201—Action Bar	$ 4.00
No. C 202—Action Bar Cover	25
No. C 3—Action Bar Cover Screw	10
No. C 4—Action Bar Lock	50
No. C 5—Action Bar Lock Pin	10
No. C 6—Action Bar Lock Spring	10
No. C 7—Action Bar Lock Spring Case	10
No. C 208—Ammunition Indicator	15
No. C 311 Barrel	7 50
No. C 217—Breech Block	3 00
No. C 218—Shotgun Butt Plate, Rubber or Steel	1 00
No. C 19—Butt Plate Screws	.10
No. C 227 Carrier	75
No. C 28—Carrier Dog	.25
No. C 29 Carrier Dog Pin	10
No. C 30—Carrier Dog Spring	10
No. C 31—Carrier Friction Plunger	.10
No. C 32—Carrier Friction Spring	10
No. C 233 Carrier Lever	.15
No. C 34 Carrier Lever Pin	10
No. C 35—Carrier Lever Plunger	10
No. C 36 Carrier Lever Spring	10
No. C 37 Carrier Pin	10
No. C 238—Cartridge Stop	35
No. C 45—Ejector	60
No. C 246—Ejector Rod	15
No. C 247—Extractor	40
No. C 48—Extractor Plunger	10
No. C 49—Extractor Spring	10
No. C 56—Firing Pin	1 00
No. C 257 Fore End	75
No. C 58—Fore End Escutcheon	10
No. C 59—Fore End Screw	10
No. C 121 Safety	2[illegible]
No. C 122—Sear	50
No. C 123 Sear Lock	2[illegible]
No. C 124 Sear Lock Pin	10
No. C 125—Sear Lock Plunger	10
No. C 126—Sear Lock Spring	10
No. C 127—Sear Pin	10
No. C 128—Stock, Half-Pistol Grip	3 00
No. C 130—Stock Bolt	2[illegible]
No. C 137—Take-Down Screw	2[illegible]
No. C 139—Trigger	60
No. C 140—Trigger Bushing	10
No. C 141—Trigger Spring	10
No. C 142 Trigger Spring Cap	10
No. C 143 Trigger Spring Rod	10
No. C 150 Unlocking Plunger	10

Goods on This Page Not Carried in Stock, Furnished Direct from Factory Only.

Component Rifle Parts.

REMINGTON 22 CALIBER REPEATING

No. 1 GRADE.

		Each
No. W1	—Action Bar	$1 50
No. W2	—Action Bar Plunger	.15
No. W3	—Action Bar Plunger Pin	05
No. W4	—Action Bar Spring	.10
No. W5	—Barrel (without Sights)	4.00
No. W7	—Breech Block	2 00
No. W7½	—Breech Block Complete	3 00
No. W8	—Butt Plate	.50
No. W10	—Butt Plate Screws (2)	10
No. W11	—Carrier	1.00
No. W12	—Carrier Dog	40
No. W13	—Carrier Dog Pin (Same as Nos. 16 and 21)	05
No. W14	—Carrier Dog Spring	10
No. W15	—Cartridge Stop	20
No. W16	—Ejector Pin (Same as Nos. 13 and 21)	05
No. W17	—Extractor	35
No. W18	—Extractor Plunger	05
No. W19	—Extractor Spring	.10
No. W20	—Firing Pin	.50
No. W21	—Firing Pin Pin (Same as Nos. 13 and 16)	.05
No. W22	—Firing Pin Spring	.10
No. W23	—Firing Pin Spring Guide	.10
No. W24	—Fore-End, Standard	.80
No. W26	—Fore-End Escutcheons (2)	.10
No. W27	—Fore-End Screws (2)	.10
No. W28	—Front Sight	25
No. W29	—Guard	2 50
No. W30	—Hammer	.75
No. W31	—Hammer Bushing	.10
No. W32	—Hammer Pin	.05
No. W33	—Magazine Follower	.10
No. W34	—Magazine Pin	05
No. W35	—Magazine Plug	30
No. W36	—Ejector Spring	.10
No. W37	—Ejector Spring Screw	.10
No. W38	—Magazine Ring (1 on Reg., 2 on Cal.)	.40
No. W39	—Magazine Screw	.10
No. W40	—Magazine Spring	.15
No. W42	—Magazine Tube, Inner	.70
No. W42½	—Magazine Tube, Inner, Complete	1 80
No. W44	—Magazine Tube, Outer	1 00
No. W46	—Main Spring	10
No. W47	—Main Spring Rod	30

		Each
No. W49	—Rear Sight	$0 25
No. W49	—Rear Sight Base	.25
No. W50	—Rear Sight Elevating Screw	.10
No. W51	—Rear Sight Screw	.10
No. W48-51	—Rear Sight Complete	.70
No. W52	—Receiver	5.00
No. W53	—Receiver Bushing, Plain	.10
No. W54	—Receiver Bushing Threaded	.10
No. W56	—Receiver Bushing Stud	.05
No. W57	—Retainer	.15
No. W58	—Safety	15
No. W59	—Safety Plunger	.05
No. W60	—Safety Plunger Pin	05
No. W61	—Safety Spring	.10
No. W62	—Stock, Including Bolt and Washer	2 00
No. W66	—Take Down Screw	2
No. W68	—Trigger	30
No. W70	—Trigger Spring	10

		Each
No. W71	—Trigger Spring Case	$0 25
No. W72-73	—Wiping Rod	25
No. W75	—Plug Screw (2)	10
No. W76	—Magazine Lever	30
No. W79	—Magazine Lever Spring	10
No. W80	—Magazine Lever Pin	05

Nos. 2 AND 3 GRADES.

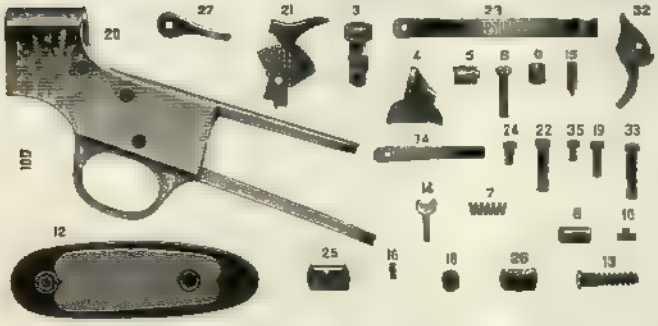
No. W6	—Barrel, Octagon	$5 00
No. W8	—Butt Plate	1 00
No. W25	—Fore-End	60
No. W28	—Front Sight	25
No. W41	—Magazine Spring	15
No. W43	—Magazine Tube, Inner	75
No. W45	—Magazine Tube, Outer	1 10
No. W52	[illegible]	5 00

In ordering Parts, Give Name, Number and Caliber of Rifle

Goods on this Page Not Carried in Stock, Furnished Direct from Factory Only.

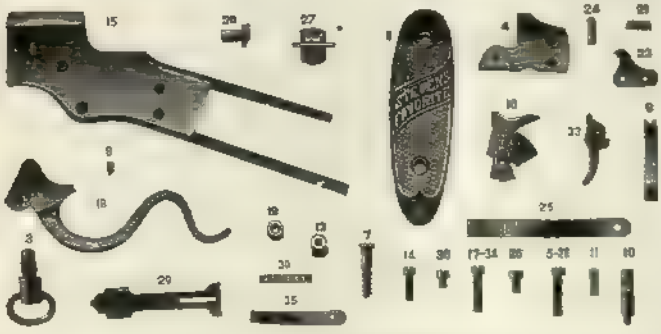
Component Rifle Parts.

STEVENS' "CRACK SHOT," No. 16. NEW STYLE



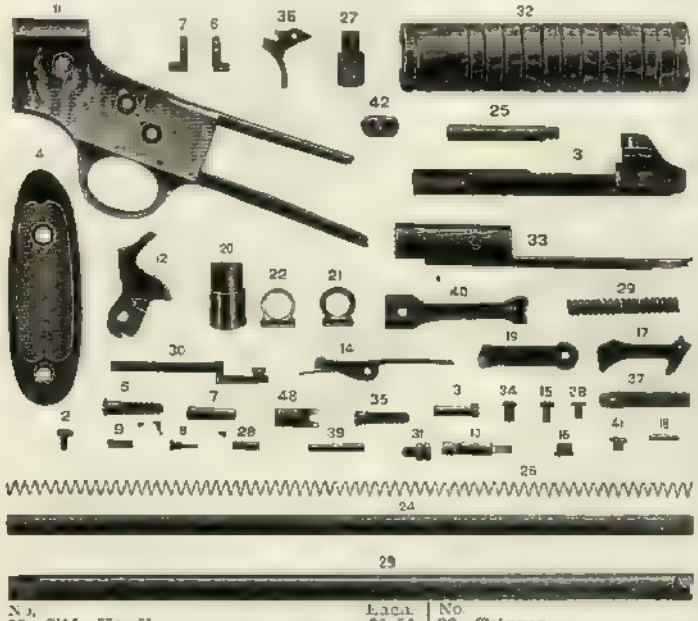
No.	Each
1—Barrel, Complete with Sights and Forearm	$2.00
2—Barrel, without Sights, and Forearm	1.50
3—Barrel Screw	.20
4—Breech Block	.50
5—Breech Block Bushing	.15
6—Breech Block Plunger	.10
7—Breech Block Plunger Spring	.05
8—Breech Block Screw	.10
9—Breech Block Screw Check Nut	.10
10—Breech Block Wedge	.05
11—Butt Stock	1.00
12—Butt Plate (Rubber)	.50
13—Butt Plate Screws	.05
14—Extractor	25
15—Firing Pin	.15
16—Firing Pin Pin	.15
17—Forearm	.80
18—Forearm Escutcheon	$0.05
19—Forearm Screw	.05
20—Frame	1.25
21—Hammer	50
22—Hammer Screw	05
23—Mainspring	.15
24—Mainspring Screw	.05
25—Open Rear Sight	.25
26—Open Front Sight	.25
27—Side Lever	.25
28—Side Lever Bushing	.15
29—Side Lever Check Nut	.10
30—Side Lever Screw	.10
31—Tang Screws	.05
32—Trigger	.25
33—Trigger Screw	.05
34—Trigger Spring	.15
35—Trigger Spring Screw	.05
Mailing and Registering Barrel	.40

STEVENS' FAVORITE. NEW STYLE



No.	Each
1—Barrel, Complete, with Sights (22 inches)	$4 00
2—Barrel, without Sights (22 inches)	3 00
3—Barrel Screw	25
4—Breech Block	.50
5—Breech Block Screw	10
6—Butt Plate (Rubber)	50
7—Butt Plate Screw	05
8—Dummy Screw	05
9—Extractor	.25
10—Firing Pin	.20
11 Firing Pin Pin	05
12—Forearm	.40
13—Forearm Escutcheon	.05
14—Forearm Screw	.05
15—Frame	1 50
16—Hammer	.60
17—Hammer Screw	.05
18—Lever	50
19—Lever Bushing	10
20—Lever Plunger	.15
21—Lever Plunger Spring	.05
22—Lever Screw	10
23—Link	$0 20
24—Link Pin	.05
25—Mainspring	.15
26—Mainspring Screw	.05
27—Front (Rocky Mountain Sight)	.50
29—Rear (Sporting) Sight	.15
30—Rear Right Step	20
31 Stevens Leaf Rear Sight	$0 75
32—Stock	1 20
33—Trigger	.35
34—Trigger Screw	.05
35—Trigger Spring	15
36—Trigger Spring Screw	.05
37—Sight Blanks	25
38—Butt Plate (Steel)	$0 35
Barrel (24 inches)	5 00
Barrel (24 inches) with Sights and Forearm	6.00
Barrel (26 inches)	7 00
Barrel (26 inches) with Sights and Forearm	8.00

STEVENS' VISIBLE LOADING REPEATING



No	Each.
1—Action Pin	$0 15
2—Action Pin Screw	.05
Barrel without Sights	1 75
Barrel with Sights	2 50
3—Breech Block	1 60
4—Butt Plate	50
5—Butt Plate Screw (3)	.05
6—Extractor, Right	25
7—Extractor, Left	.25
8—Extractor Screw (2)	.05
9—Extractor Spring	05
Extractor Spring Pin (2)	.05
10—Firing Pin	20
11—Frame	1 50
12—Hammer	75
13—Hammer Screw Nut (2)	10
14—Hammer Lock	50
Hammer Lock Spring	
15—Hammer Lock Screw (2)	05
16—Hammer Lock Dummy Screw	05
17—Lifter	.20
18—Lifter Pin	05
19—Locking Cam	.50
20—Locking Cam Sleeve	30
21 Magazine Mount Front	30
22—Magazine Mount Rear	30
23—Magazine Tube, Outside	35
24—Magazine Tube, Inside	.85
25—Magazine Follower	.10
26—Magazine Spring	20
27 Magazine Plug	.10
28—Magazine Plug Pin	05
29—Main Spring	.10
Main Spring Plunger Bracket	
30—Main Spring Plunger Wire	.25
Main Spring Plunger Stud	
31—Main Spring Screw	.05
Stock	1 00

Complete $1.50

No.	Each.
32—Slide Handle	$0 50
Slide Hand e Sleeve	
33—Slide Handle Bar	2 .0
Slide Handle Bar Rivets (2)	
34—Slide Handle Screw (2)	05
35—Tang Screw	.05
36—Trigger	$0.35
37—Trigger Spring	05
38—Trigger Spring Screw	05
39—Trigger Pin	05
40—Sporting Rear Sight	50
41—Sporting Rear Sight Screw	05
42—Front Sight	$0 25
43—Main Spring Plunger Seat	10
44—Dummy Screw (2)	.05
45—Side Handle Escutcheon (2)	.06
46—Sporting Rear Sight Adj Screw	.05

In ordering Parts, Give Name, Number and Caliber of Rifle and also send Broken Part if possible

Goods on this Page Not Carried in Stock, Furnished Direct from Factory Only.

Adjustable Iron Planes.

EVERGREEN

SMOOTH BOTTOM

Smooth.	Each
No. E2—7in. Long, 1⅝ in. Cutter, Weight Each About 2¼ Lbs.	$2.20
No. E3—8 in. Long, 1¾ in. Cutter, Weight Each About 3⅛ Lbs.	2.40
No. E4—9 in. Long, 2 in. Cutter, Weight Each About 3¾ Lbs.	2.60
No. E4½—10 in. Long, 2⅜ in. Cutter, Weight Each About 4¾ Lbs	3 00

One in a Box.

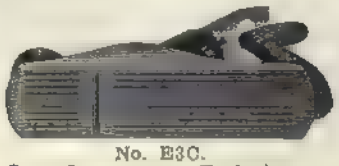
Jack.	Each
No. E5—14 in Long, 2 in. Cutter, Weight Each About 6 Lbs.	$3.00
No. E5½—15 in. Long, 2¼ in. Cutter, Weight Each About 7 Lbs.	3.40

One in a Box.

Fore.	Each
No. E6—18 in. Long, 2⅜ in. Cutter, Weight Each About 7¾ Lbs.	$3 80
Jointer.	**Each**
No. E7—22 in. Long, 2⅝ in. Cutter, Weight Each About 8½ Lbs.	$4.40
No. E8—24 in. Long, 2⅝ in. Cutter, Weight Each About 10 Lbs.	5.20

One in a Box

CORRUGATED BOTTOM



No. E3C.

No. E6C.

Smooth.	Each
No. E2C—7 in. Long, 1⅝ in Cutter, Weight Each About 2¼ Lbs.	$2 20
No. E3C—8 in. Long, 1¾ in Cutter, Weight Each About 3⅛ Lbs.	2.40
No. E4C—9 in Long, 2 in Cutter, Weight Each About 3¾ Lbs	2.60
No. E4½C—10 in. Long, 2⅜ in. Cutter, Weight Each About 4¾ Lbs.	3.00

One in a Box.

Jack.	Each
No. E5C—14 in. Long, 2 in. Cutter, Weight Each About 6 Lbs.	$3 00
No. E5½C—15 in Long 2¼ in Cutter, Weight Each About 7 Lbs.	3.40

One in a Box.

Fore.	Each
No. E6C—18 in. Long, 2⅜ in Cutter, Weight Each About 7¾ Lbs.	$3 80
Jointer.	**Each**
No. E7C—22 in. Long, 2⅝ in. Cutter, Weight Each About 8½ Lbs.	4.40
No. E8C—24 in Long, 2⅝ in Cutter, Weight Each About 10 Lbs.	5 20

One in a Box.

Adjustable Wood Bottom Planes.

EVERGREEN

Smooth.	Each
No. E22—8 in. Long, 1¾ in Cutter, Weight Each About 2½ Lbs	$1 60
No. E23—9 in Long, 1¾ in Cutter, Weight Each About 2¾ Lbs	1.60
No. E24—8 in. Long 2 in Cutter, Weight Each About 3 Lbs	1.60

One in a Box

Handled Smooth.	Each
No. E35—9 in. Long 2 in Cutter, Weight Each About 4 Lbs	$2.00

One in a Box.

Jack.	Each
No. E26—15 in Long, 2 in Cutter, Weight Each About 3¾ Lbs.	$1.90
No. E27—15 in Long, 2⅛ in. Cutter, Weight Each About 4 Lbs	2.00
No. E27½—15 in. Long, 2¼ in. Cutter, Weight Each About 4¾ Lbs	2.00
Fore.	**Each**
No. E28—18 in. Long, 2⅜ in. Cutter, Weight Each About 5½ Lbs.	$2.20
No. E29—20 in Long, 2⅜ in Cutter, Weight Each About 6¼ Lbs.	2 20
Jointer	**Each**
No. E30—22 in Long, 2⅝ in Cutter, Weight Each About 6½ Lbs	$2 40
No. E31—24 in Long, 2⅝ in Cutter, Weight Each About 6½ Lbs	2.40
No. E32—26 in Long, 2⅝ in Cutter, Weight Each About 7⅝ Lbs.	2.60
No. E33—28 in Long, 2⅝ in. Cutter, Weight Each About 8⅝ Lbs.	2.60
No. E34—30 in. Long, 2⅝ in. Cutter, Weight Each About 8½ Lbs.	2.80

One in a Package.

Block Planes.

Cast Iron Frames and Caps, Enameled, Perfectly True Bottoms, Highest Grade Tool Steel Cutters, Oil Tempered and Sharpened.

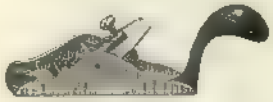
EVERGREEN

Non-Adjustable.

Each

No. E101—3½ in. Long, 1 in. Cutter, Weight Each About ⅛ Lb. $0.18

Six in a Box.



Non-Adjustable, Handled.

Each

No. E100—3½ in. Long, 1 in. Cutter, Weight Each About ⅜ Lbs. $0.26

One in a Box.

Non-Adjustable.

Each

No. E102—5½ in. Long, 1⅝ in. Cutter, Weight Each About ⅞ Lb. $0.42

Adjustable.

Each

No. E103—5½ in. Long, 1⅝ in. Cutter, Weight Each About ⅞ Lb. $0.56

One in a Box

Non-Adjustable, with Applewood Knob.

Each

No. E110—7½ in. Long, 1⅝ in Cutter, Weight Each About 1¾ Lbs. $0.56

One in a Box.

Screw Adjustment, Rosewood Knob.

Each

No. E220—7½ in. Long, 1⅝ in. Cutter, Weight Each About 1⅞ Lbs. $0.76

One in a Box.

Double Ender, Hardwood Knob.

Each

No. E130—8 in. Long, 1⅝ in Cutter, Weight Each About 1⅝ in. $0.80

One in a Box.

Japanned Trimmings.

Each

No. E9½—6 in. Long, 1⅝ in. Cutter, Weight Each About 1½ Lbs $1 24

Nickel Trimmings.

Each

No. E16 —6 in. Long, 1⅝ in. Cutter, Weight Each About 1¾ Lbs.....$1.36

One in a Box

Japanned Trimmings.

Each

No. E15—7 in. Long, 1⅝ in. Cutter, Weight Each About 1⅝ Lbs. $1.40

Nickel Trimmings.

Each

No. E17—7 in. Long, 1⅝ in. Cutter, Weight Each About 1⅝ Lbs. $1.48

One in a Box.

Nickel Trimmings, Knuckle Joint.

Each

No. E18—6 in. Long, 1⅝ in. Cutter, Weight Each About 1½ Lbs. $1.48

No. E19—7 in. Long, 1⅝ in Cutter, Weight Each About 1⅝ Lbs. 1.56

One in a Box

Japanned Trimmings, Rosewood Handle

Each

No. E9⅝—6 in. Long, 1⅝ in. Cutter, Weight Each About 1⅝ Lbs. $1.48

No. E15½—7 in. Long, 1⅝ in Cutter, Weight Each About 1⅝ Lbs. 1.56

One in a Box.

Low Angle, Nickel Trimmings.

Each

No. E60—6 in. Long, 1⅝ in. Cutter, Weight Each About 1¼ Lbs. $1.40

No. E65—7 in. Long, 1⅝ in. Cutter, Weight Each About 1⅝ Lbs. 1.48

One in a Box.

Adjustable Iron Planes.

STANLEY "BED ROCK" PLANES

The absolute solidity and one-piece effect of the "Bed Rock" Plane is as much a fact as if the parts were all one, for the reason that the entire under surface of the Frog is in perfect contact with the solid seat cast in the Plane Bottom The Frog and the Bottom are so perfectly fitted together, that from the Plane Iron to the Bottom, the Plane is as one solid piece of metal. This form of construction positively prevents any chance of vibration.

The Frog is made with a tongue on the under side, which fits in a groove in the Plane Body. This tongue and groove are made to conform, so that when adjustment is necessary the tongue of the Frog travels in the groove, which insures its being square with the mouth of the Plane, thus preventing any possible shifting or "wobbling." It is held to its seat by means of two pins of large diameter "A", each of these having a tapered hole near the lower end. The two Frog clamping screws "B" have tapered points. These points fit in the holes in the pins "A." The center of the tapered hole in these pins is slightly above the center line of the Frog clamping screws, so that when these screws are driven in, they produce the effect of a wedge, drawing the pins downward, and clamping the Frog absolutely rigid in its place. If, for any reason, these Frog pins "A" should be taken out of the Plane, care must be used in replacing them to see that the tapered holes come in line with the points of the Frog clamping screws "B." (See cut.)

For the purpose of opening or closing the mouth, as coarse or fine work may require, the Frog may be adjusted either forward or backward without removing the Lever and Cutter Simply slacken the tension of the two Frog clamping screws "B," and with a screw driver adjust the Frog as desired by means of the Frog adjusting screw "C" in the center, then tighten the Frog clamping screws "B." (See cut.)

Particular attention is called to the shape of the sides of the Plane This distinctive feature adds greatly to its strength and stiffness as well as affording large bearing surfaces when the Plane is used on its sides.

SMOOTH BOTTOM

No. 602.

No. 604.

Smooth.

		Each
No. 602	—7 in. Long, 1⅝ in. Cutter, Weight About 2¼ Lbs.	$3.02
No. 603	—8 in. Long, 1⅝ in. Cutter, Weight About 3¼ Lbs.	3.15
No. 604	—9 in Long, 2 in. Cutter, Weight Each About 3⅝ Lbs	3.42
No. 604½	—10 in. Long, 2⅜ in Cutter, Weight Each About 4¾ Lbs.	4 00

One in a Box

Fore.

		Each
No. 606	—18 in. Long, 2⅜ in. Cutter, Weight Each About 7⅝ Lbs.	$4.92

One in a Box.

No. 605.

Jack.

		Each
No. 605	—14 in. Long, 2 in. Cutter, Weight Each About 4½ Lbs	$4 00
No. 605½	—15 in. Long, 2⅜ in. Cutter, Weight Each About 6½ Lbs.	4.38

One in a Box.

Jointer

		Each
No. 607	—22 in. Long, 2⅜ in. Cutter, Weight Each About 8¾ Lbs.	$5 75
No. 608	—24 in. Long, 2⅝ in. Cutter, Weight Each About 9⅜ Lbs.	6 80

One in a Box,

CORRUGATED BOTTOM

Smooth.

		Each
No. 602C	—7 in. Long, 1⅝ in. Cutter, Weight About 2¼ Lbs	$3 02
No. 603C	—8 in. Long, 1⅝ in. Cutter, Weight About 3¼ Lbs.	3.15
No. 604C	—9 in. Long, 2 in. Cutter, Weight About 3⅝ Lbs.	3.42
No. 604½C	—10 in. Long, 2⅜ in. Cutter, Weight About 4¾ Lbs	4.00

One in a Box.

No. 607C

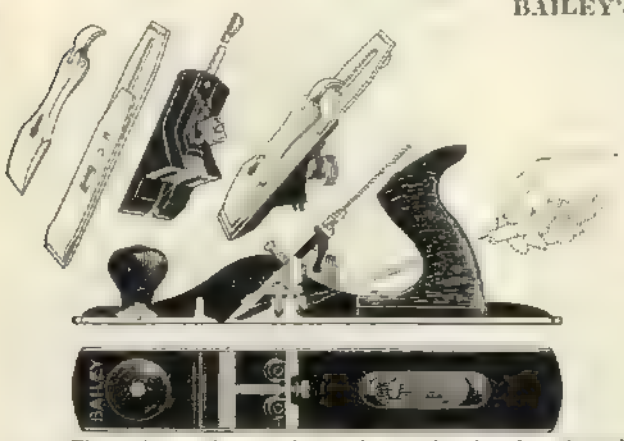
Jack.

		Each
No. 605C	—14 in. Long, 2 in. Cutter, Weight About 4½ Lbs.	$4.00
No. 605½C	—15 in Long 2¼ in Cutter, Weight About 6½ Lbs.	$4.38
	Fore.	Each
No. 606C	—18 in. Long, 2⅜ in. Cutter, Weight About 7⅝ Lbs.	$4 92
	Jointer.	Each
No. 607C	—22 in. Long, 2⅝ in. Cutter, Weight About 8¾ Lbs.	5 75
No. 608C	—24 in Long 2⅝ in. Cutter, Weight About 9⅜ Lbs.	6 80

One in a Box

Adjustable Iron Planes.

BAILEY'S BENCH



Bench Planes, are divided into four classes, namely: **Smooth, Jack, Fore and Jointer.**

A **Smooth Plane** is for finishing or smoothing off flat surfaces. Where the uneven spots are of slight area, its short length will permit it to locate these irregularities, leaving the work with a smooth surface when finished.

A **Jack Plane** is used to true up the edges of a board in the rough and prepare it for the Fore or Jointer.

A **Fore Plane** is simply a short Jointer, and being lighter, is preferred by some workmen to the longer plane.

A **Jointer** is a finishing Plane for large surfaces and is invariably used to true up the edges of boards so that they an be closely fitted or joined together.

In the illustration the detail of construction is very clearly shown. Note that the frog has a support directly at the rear of the mouth, making practically one solid piece from the cap to the bottom. The sides and bottom of the plane are stiffened by means of the cross ribs. The screw bosses on each side of the center rib are very deep, allowing a number of threads to engage, thereby securely holding the frog. The design prevents the plane being drawn out of true when the face of the frog is screwed up hard.

The width of the mouth may be regulated and made wider or narrower as coarse or fine work may require. First remove the lever and cutter and loosen the two frog screws that fasten the frog to its seat. With a screw driver turn the center adjusting screw (see cut) to the right to close the mouth, and to the left to open it. When the frog is in the position desired, tighten the frog screws and replace the cutter and lever.

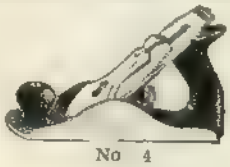
The cutter is adjustable endwise by means of the adjusting wheel at the back of the frog. It is also adjustable sidewise by lever located near the top and at the back of the cutter.

It is made of the finest quality English steel, tempered and ground by an improved process, and honed ready for use.

The handle and knob are made of highly finished, thoroughly seasoned rosewood.

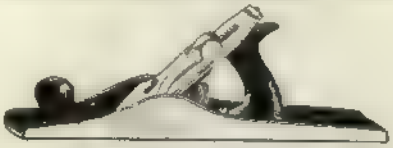
All genuine "Bailey" Planes have the name "Bailey" cast in the bottom, and the name Stanley is stamped on the cutter.

SMOOTH BOTTOM



No. 4

No. 5.



Jack, No. 6.

Smooth.	Each
No. 1 —5½ in. Long, 1¾ in. Cutter, Weight Each About 1¾ Lbs.	$2.12
No. 2 —7 in. Long, 1⅝ in. Cutter, Weight Each About 2¼ Lbs.	2.66
No. 3 —8 in. Long, 1¾ in Cutter, Weight Each About 3⅛ Lbs.	2.80
No. 4 —9 in Long 2 in Cutter Weight Each About 3¾ Lbs.	3.07
No. 4½—10 in. Long, 2⅜ in. Cutter, Weight About 4¾ Lbs.	3.52

Jack.	Each
No. 5 —14 in. Long, 2 in. Cutter, Weight Each About 4¾ Lbs.	$3.52
No. 5½—15 in. Long, 2¼ in. Cutter, Weight Each About 6¾ Lbs.	3.96
Fore.	**Each**
No. 6 —18 in. Long, 2⅜ in. Cutter, Weight Each About 7¾ Lbs.	$4.54
Jointer.	**Each**
No. 7 —22 in Long, 2⅜ in Cutter, Weight Each About 8½ Lbs.	$5.15
No. 8 —24 in. Long, 2⅜ in. Cutter, Weight Each About 9¾ Lbs.	6.15

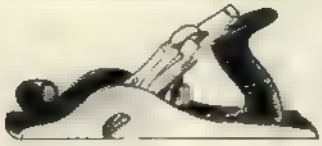
CORRUGATED BOTTOM

Smooth.	Each
No. 2C —7 in. Long, 1⅝ in. Cutter, Weight Each About 2¼ Lbs.	$2.66
No. 3C —8 in Long, 1¾ in Cutter, Weight Each About 3⅛ Lbs.	2.80
No. 4C —9 in. Long, 2 in. Cutter, Weight Each About 3¾ Lbs.	3.07
No. 4½C—10 in. Long 2⅜ in Cutter, Weight Each About 4¾ Lbs	3.52

Jack.	Each
No. 5C —14 in. Long, 2 in. Cutter, Weight Each About 4¾ Lbs.	$3.52
No. 5½C 15 in Long, 2¼ in Cutter, Weight Each About 6¾ Lbs.	3.96
Fore.	**Each**
No. 6C 18 in Long 2⅜ in Cutter, Weight Each About 7¾ Lbs.	$4.54
Jointer.	**Each**
No. 7C —22 in. Long, 2⅜ in Cutter, Weight Each About 8½ Lbs.	$5.15
No. 8C —24 in Long, 2⅜ in. Cutter, Weight Each About 9¾ Lbs.	6.15

STANLEY'S CARRIAGE MAKERS' RABBET

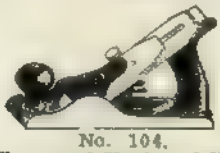
No. 10½.



No. 10.

Rosewood Handles and Knobs.	Each
No. 10½ —9 in Long, 2⅛ in Cutter, Weight Each About 3 Lbs.	$3.56
No. 10 —13 in Long, 2⅛ in Cutter, Weight Each About 4½ Lbs.	4.33

STANLEY'S, STEEL, BENCH



No. 104.

No. 105

Rosewood Knob and Handle, Pressed Steel Bottoms and Sides in One Piece.	Each
No. 104—Smooth, 9 in Long, 2⅛ in Cutter, Weight Each About 3⅛ Lbs.	$2.80
No. 105—Jack, 14 in Long, 2⅛ in Cutter, Weight Each About 3⅞ Lbs.	3.45

All Above, One in a Box.

Adjustable Wood Bottom Planes.

BAILEY'S BENCH

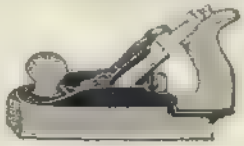
"Bailey" Wood Planes supply the demand for a wood plane of superior quality. The bottom, handle, and knob are made from selected and well seasoned beech The cutters are the regular "Bailey" type and are adjustable both endwise and sidewise.

The frog is held in place by two machine screws which pass through the top iron and screw into two brass lugs These lugs are screwed and securely pinned into the wood bottom This is far superior to other methods of fastening, as it holds together firmly, the wood bottom, the top iron which strengthens the wood bottom, and the frog

No 24.

Smooth.	Each
No. 23—8 in. Long, 1⅝ in. Cutter, Weight Each About 2½ Lbs	$1 90
No. 28—9 in. Long, 1⅝ in. Cutter, Weight Each About 2½ Lbs.	1.90
No. 24—8 in. Long, 2 in. Cutter, Weight Each About 2⅞ Lbs.	1.90
Block.	**Each**
No. 25—9½ in. Long, 1⅝ in Cutter, Weight Each About 2¼ Lbs.	$1 90

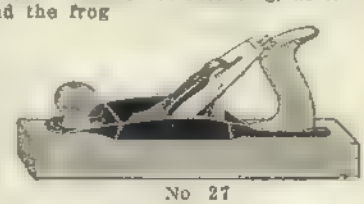
One in a Box.



No. 35.

Handled Smooth.	Each
No. 35—9 in. Long, 2 in. Cutter, Weight Each About 3¾ Lbs	$2 45
No. 36—10 in. Long, 2⅜ in. Cutter, Weight Each About 4 Lbs.	2.66
Jenny Smooth.	**Each**
No. 37—13 in. Long, 2⅝ in. Cutter, Weight Each About 5 Lbs.	$3.00

One in a Box.



No 27

Jack.	Each
No. 26—15 in. Long, 2 in. Cutter, Weight Each About 3¾ Lbs.	$2.10
No. 27—15 in. Long, 2⅜ in. Cutter, Weight Each About 4 Lbs.	2.35
No. 27½—15 in. Long, 2¼ in. Cutter, Weight Each About 4¾ Lbs	2.44

One in a Package.

Fore.

	Each
No. 28—18 in. Long, 2⅝ in. Cutter, Weight Each About 5½ Lbs	$2 60
No. 29—20 in. Long, 2⅝ in. Cutter, Weight Each About 6¼ Lbs	2 78

One in a Package.

Jointer.

	Each
No 30—22 in Long, 2⅝ in. Cutter, Weight Each About 6¼ Lbs.	$2.85
No. 31—24 in. Long, 2⅝ in Cutter, Weight Each About 6½ Lbs.	2.90
No 32—26 in Long, 2⅝ in Cutter, Weight Each About 7⅝ Lbs.	3.12
No 33—28 in Long, 2⅝ in Cutter, Weight Each About 8⅛ Lbs	3.22
No. 34—30 in. Long, 2⅝ in. Cutter, Weight Each About 8½ Lbs.	3.45

One in a Package.

STANLEY'S BENCH

Stanley Wood Planes have a simple lever adjustment, are well made, and for the Householder, the Farmer or the Amateur, or in fact for use in any place where extreme nicety of work is not required, make an excellent tool.

The cutters are of the double cutter type, of a high grade of steel and ground and honed ready for use They are adjustable endwise by means of a lever and are held in place by a lever thumb screw instead of a cam The bottoms, handles and knobs are made of beech and the entire plane is well finished

Smooth.

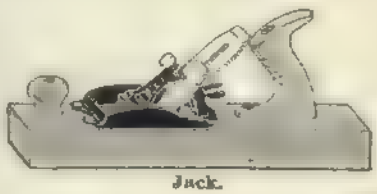
	Each
No. 122—8 in. Long, 1⅝ in. Cutter, Weight Each About 2⅝ Lbs	$1 56

One in a Box.

Handled Smooth.

	Each
No. 135—10 in. Long, 2⅛ in. Cutter, Weight Each About 3 Lbs	$2.00

One in a Box.



Jack.

	Each
No. 127—15 in. Long, 2⅛ in. Cutter, Weight Each About 3½ Lbs.	$2 00

One in a Package

Fore.

	Each
No. 129—20 in. Long, 2⅝ in. Cutter, Weight Each About 6⅝ Lbs.	$2.22

One in a Package.

Jointer.

	Each
No. 132—26 in. Long, 2⅝ in. Cutter, Weight Each About 7⅝ Lbs.	$2 55

One in a Package.

Block Planes.

STANLEY'S

Japanned Cast Iron Frames and Caps, High Grade Steel Cutters, Carefully Tempered and Ground.

Non-Adjustable.

Each

No. 101—3½ in. Long, 1 in. Cutter Weight Each About ¼ Lb **$0 22**

Six in a Box

Non-Adjustable, Handled.

Each

No. 100—3½ in. Long, 1 in. Cutter, Weight Each About ⅝ Lb. **$0 33**

One in a Box.

Non-Adjustable.

Each

No. 102—3½ in. Long, 1⅝ in. Cutter, Weight Each About ⅞ Lb. **$0.55**

One in a Box

Non-Adjustable, Applewood Knob.

Each

No. 110—7½ in. Long, 1⅝ in. Cutter, Weight Each About 1¾ Lbs . . . **$0.66**

One in a Box.

Lever Adjustment.

Each

No. 103—5½ in. Long, 1⅝ in. Cutter, Weight Each About ⅞ Lb **$0 66**

One in a Box.

Screw Adjustment, Rosewood Knob.

Each

No. 203—5½ in. Long, 1⅝ in. Cutter, Weight Each About 1⅛ Lb **$1 06**

One in a Box

Screw Adjustment, Rosewood Knob.

Each

No. 220—7½ in. Long, 1⅝ in. Cutter, Weight Each About 1⅛ Lbs. **$1.00**

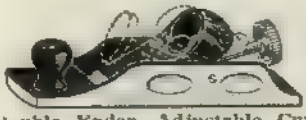
One in a Box.

Double Ender, Hardwood Knob.

Each

No. 130—8 in. Long, 1⅝ in. Cutter, Weight Each About 1⅝ Lbs. **$1.00**

One in a Box.



Double Ender, Adjustable Cutter. Rosewood Knob.

Each

No. 131—8 in. Long, 1⅝ in. Cutter, Weight Each About 1½ Lbs. **$1.78**

One in a Box

BAILEY'S

Japanned Cast Iron Frames and Caps, High Grade Steel Cutters, Carefully Tempered and Ground.

Nos. 9½ and 16.

No. 15 and 17

Adjustable, Japanned Trimmings.

Each

No. 9½—6 in. Long, 1⅝ in. Cutter, Weight Each About 1½ Lbs. **$1.44**

No. 15 —7 in. Long, 1⅝ in. Cutter, Weight Each About 1⅝ Lbs. **1 56**

Adjustable, Nickel Trimmings.

Each

No. 16 —6 in Long 1⅝ in Cutter, Weight Each About 1½ Lbs. **$1 66**

No. 17 7 in Long. 1⅝ in Cutter, Weight Each About 1⅝ Lbs. **1.78**

One in a Box.

Nos. 9½ and 15½.

Adjustable, Japanned Trimmings, Rosewood Handle.

Each

No. 9½—6 in. Long, 1⅝ in. Cutter, Weight Each About 1⅝ Lbs. **$1.78**

No. 15½—7 in. Long, 1⅝ in. Cutter, Weight Each About 1⅞ Lbs. **1.90**

Adjustable, Nickel Trimmings, Knuckle Joint.

Each

No. 18 —6 in. Long, 1⅝ in. Cutter, Weight Each About 1½ Lbs **$1 78**

No. 19 —7 in. Long, 1⅝ in. Cutter, Weight Each About 1⅞ Lbs **1 90**

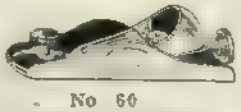
The Knuckle Joint in the cap makes it a lever, to clamp the cutter securely to its seat.

One in a Box

STANLEY'S

Japanned Cast Iron Frames and Caps, High Grade Steel Cutters, Tempered and Sharpened

No. 65.



No 60

Low Angle, Adjustable Throat, Nickel Trimmings.

Each

No. 65—7 in Long, 1⅝ in. Cutter, Weight Each About 1⅝ Lbs **$1.78**

No. 60—6 in. Long, 1⅝ in. Cutter, Weight Each About 1¼ Lbs. **1 66**

One in a Box.

Low Angle, Adjustable Throat, Japanned Trimmings, Rosewood Handle and Knob. — Each

No. 62—14 in. Long, 2 in. Cutter, Weight Each About 3⅝ Lbs. **$3 90**

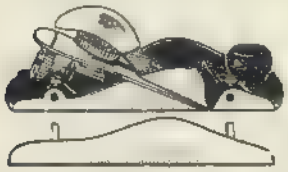
Especially adapted for use in cutting across the grain on heavy work, where more power is required than can be obtained by the use of the ordinary Block Plane.

One in a Box.

Adjustable Iron Planes.

STANLEY'S

RABBET AND BLOCK



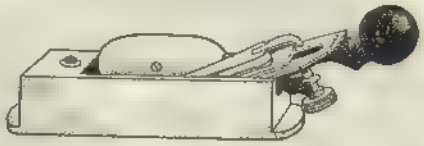
Japanned Trimmings, Rosewood Knob.

Each

No. 140—7 in. Long, 1¾ in Cutter, Weight Each About 1⅛ Lbs. $2 00

A detachable side will easily change this Tool from a Block Plane to a Rabbet Plane or vice versa. The cutter is set on a skew.

CABINET MAKERS' BLOCK



Nickel Trimmed, Rosewood Knob.

Each

No. 9—10 in. Long, 2 in. Cutter, Weight Each About 4½ Lbs $6.00

Used by Piano Makers and workmen of kindred trades requiring an extra fine tool for finishing hardwoods, etc

CABINET MAKERS' EDGE

Japanned Trimmed, Rosewood Knob.

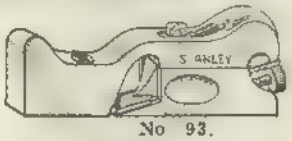
Each

No. 97—10 in. Long, 2¼ in. Cutter, Weight Each About 3¾ Lbs. $3.22

For Piano Makers and all Cabinet workers. The cutter rests on a solid bed practically its entire length. The cutting edge being located at the extreme end of the Plane gives the Tool the form of a chisel.

CABINET MAKERS' RABBET

No. 90—Bull Nose



No 93.

Nickel Plated and Adjustable Throat.

Nos.	90	92	93	94
Length Inches	4	5½	6⅛	7⅛
Cutter, Inches	1	⅝	1	1¼
Ap Weight Each, Lbs	1	1½	1¾	2
Each	$3 00	3 00	3.60	4 22

Designed for fine cabinet work when extreme accuracy is required The sides and bottom being square with each other, the plane will lie perfectly flat on either side and can be worked either right or left hand.

SIDE RABBET

N°98 N°99

Nickel Plated, Rosewood Knobs.

Each

No. 98—Right Hand, 4 in. Long, ½ in Cutter, Weight Each About ½ Lb $1.45

No. 99—Left Hand, 4 in Long ½ in. Cutter, Weight Each About ½ Lb..... 1.45

For side rabbeting and trimming dados, mouldings, and grooves of all sorts. A reversible nose piece will give the tool a form by which it will work close up into corners.

EDGE TRIMMING

Japanned.

Each

No. 95—6 in Long, ⅞ in. Cutter, Weight Each About 1¼ Lbs. $1.70

Designed especially for trimming or smoothing the ends of boards, such as siding, etc., for a square and close fit It has a right angle rest or guide from the cutter edge and the cutter works on a skew giving an easy shaving cut. The rest or guide has two screw holes to which wood blocks of various levels may be attached enabling user to make a slanting cut

BULL NOSE RABBET

Japanned Trimmings, Adjustable Mouth,

Each

No. 75—4 in. Long, 1 in. Cutter, Weight Each About ⅝ Lb. $0.54

This Plane will be found very useful for working close up into corners or other difficult places. The mouth can be adjusted to different widths by means of the set screw on top of the Plane

SCRUB

Japanned, Beech Handle and Knob.

Each

No. 40—9½ in. Long, 1⅛ in. Cutter, Weight Each About 2⅛ Lbs. $1.56

With this Plane the user can quickly plane down to a rough dimension any board that is too wide to conveniently rip with a hand saw. This is made possible by reason of the peculiar shape of the extra heavy cutter, the cutting edge which is round instead of square.

FURRING

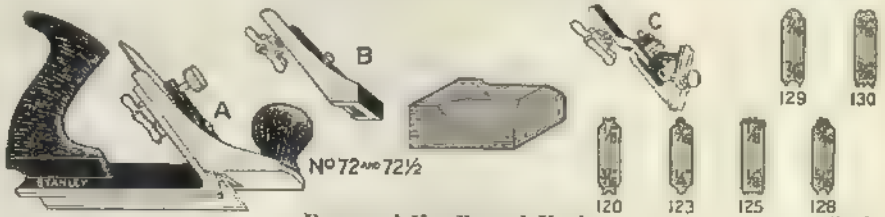
Japanned, Beech Knob and Handle.

Each

No. 840—10 in. Long, 2 in. Cutter, Weight Each About 2½ Lbs. $2 00

A tool for preparing lumber as it comes roughly sawed from the mill The construction of the bottom is such that it will remove the fur, grit, dirt, etc., getting lumber ready for the Bench Plane much quicker than any other hand tool.

ADJUSTABLE CHAMFER



Rosewood Handle and Knob.

Each

No. 72 —9 in. Long, 1⅝ in. Cutter, with Attachments "A" and "B", Weight Each About 3⅝ Lbs. $3.12

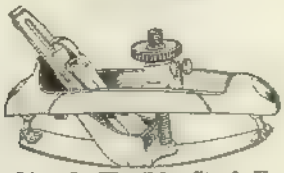
No. 72½—9 in. Long, 1⅝ in. Cutter, with Attachment "A", "B" and "C" and 6 Moulding Cutters, Sharpened at Both Ends, Weight Each About 4⅛ Lbs. 4.80

This Plane will do perfect chamfer or stop-chamfer work. It has a ninety degree V bottom which acts as a mitre guide. To this is attached an adjustable front "A" having a flat bottom which carries the cutter; this front can be set for different sizes of chamfer. Front "A", can be readily detached and a bull-nose front "B" (furnished with the Plane) substituted, permitting the Plane to be worked close up into corners.

All Above, One in a Box.

Adjustable Iron Planes.

CIRCULAR



VICTOR, Nickel Plated, Flexible Steel Face, Steel Forged Mouthpiece. Each

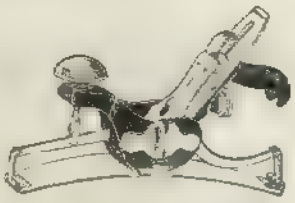
No. 20—10 in Long 1¾ in Cutter, Weight Each About 4 Lbs **$5 80**

The Flexible Steel Face is fastened at each end to the Plane Body and adjusted by a screw at the center. This construction gives great accuracy and strength The fewer number of working parts having less lost motion, give greater solidity which makes the Plane work more smoothly. The design of the frame provides convenient and firm handles for both hands.

One in a Box.

STANLEY'S

CIRCULAR



Japanned, Flexible Steel Face, Steel Forged Mouthpiece. Each

No. 118—10 in. Long, 1¾ in. Cutter, Weight Each About 3½ Lbs. **$4 22**

The Flexible Steel Face is fastened at its center to the Plane Body and adjusted at the ends by means of a screw and levers. A valuable feature is the graduated scale on the gears, by means of which the face can be accurately set to work an arc of the same circle both concave and convex

One in a Box.

BELT MAKERS'

No 11

Japanned, Adjustable Throat, Hardwood Handle. Each

No. 11—5¾ in. Long, 2⅜ in Cutter, Weight Each About 3½ Lbs **$3 12**

Designed for chamfering down the ends or laps of belt before fastening them together.

One in a Box.

FLOOR

No 74

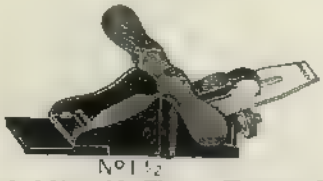
Japanned, 45 in. Hardwood Handle with Double Grips. Each

No. 74—10½ in. Long, 2⅝ in. Cutter, Weight Each About 21½ Lbs. **$7.00**

Designed for planing floors, bowling alleys, skating rinks, decks of vessels, etc. The long handle permits the plane to be worked from a standing position.

One in a Box.

FLOOR



No 11½

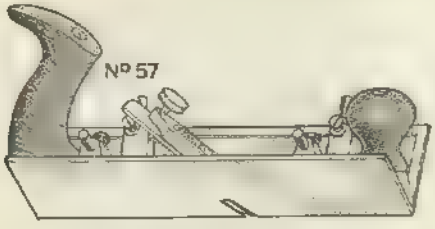
Japanned, Adjustable Throat, Hardwood Handle. Each

No. 11½—7 in. Long, 2⅜ in. Cutters, Weight Each About 3¾ Lbs. **$4 45**

Used for planing floors, bowling alleys, skating rinks, etc. Designed for working from kneeling position, the double handle making it an easy tool to work under such conditions

One in a Box

CORE BOX



No 57

Nickel Plated, Beech Handle and Knob. Each

No. 57—10 in. Long, ⅞ in. Cutter, for Working Semi-Circles Up to 5 in., with One Pair Additional Sections, Weight Each About 6¾ Lbs. **$6 00**

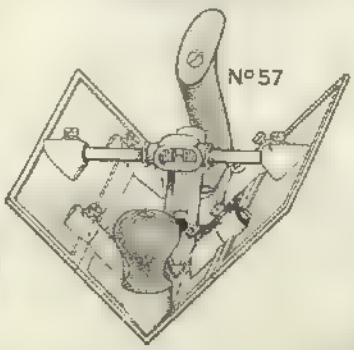
One in a Box

Per Pair

Extra Sections—Each Extra Pair Adding 2½ in. to the Diameter of the Semi-Circle that can be Worked Up to 10 in. in Diameter, the Practical Limit of the Plane. **$1.45**

This Plane is designed for making circular core boxes. The principle by which this result is obtained, is that only a right angle may be inscribed in a half circle. The sides of the Plane are at right angles, consequently the point of the Plane will always cut on the circumference of the circle when the sides rest on the edges of the cut.

No. 57 is adapted for large core boxes, and is furnished with one pair of extra sides, or as they are called, Additional Sections (see cut). Without sections, it will work semi-circles from 1 in up to 2½ in. in diameter. With one pair of sections it will work semi-circles up to 5 in in diameter.



No 57

BUTCHERS' BLOCK

Japanned, Hardwood Handle and Knob, Two Cutters. Each

No. 64—12½ in. Long, 2 in. Cutters, Weight Each 4 Lbs. **$3.35**

This Plane is designed for truing up or resurfacing butchers' blocks. With its use blocks having the most uneven surface can be leveled up with more speed and greater satisfaction than can be obtained with the use of any other tool

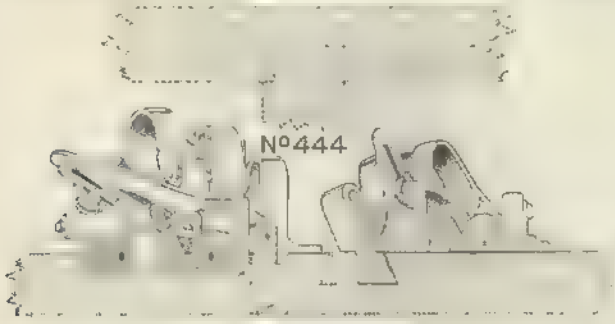
The work is accomplished with a specially formed cutter or plane iron set at an exceptionally low angle. In addition to this cutter a regular plane iron is furnished which enables the user to finish smooth the final surface of the block, also for planing smooth and keeping in condition the meat benches and tables ordinarilly found in a butcher's establishment

One in a Box.

Adjustable Iron Planes.

STANLEY'S

COMBINATION DOVETAIL TONGUE AND GROOVE



Nickel Plated.

Each

No. 444—9 in. Long, Weight Each 6 Lbs..... $5 80

This novel tool accomplishes a result sought for many years by wood workers in general, namely, to form a dove-tail tongue and groove with one hand tool.

It will cut any size grooves and tongues to fit with sides at flare of 20 degrees, where the width of the neck is more than ¼ in. and the depth of groove not more than ⅝ of an inch The tongue and groove are cut separately, and can be made with parallel or tapering sides. A circular containing instructions for assembling and operating is packed with each tool, or will be sent upon request. This circular also gives valuable suggestions as to the use of dovetail joints.

The compactness of the tool is shown in the illustration, where the cut on the left shows the Plane assembled for cutting the tongue, and that on the right the Plane assembled for cutting the groove. For parts see page 171.

One in a Box.

IMPROVED DADO

No. 89—8 in. Long, Iron Stock, Japanned.

Cutter, Inches	¼	⅜	½	⅝
Weight Each, Lbs.....	1¾	1¾	1¾	2
Each	$2 25	2.25	2 25	2.25
Cutter, Inches		¾	⅞	1
Weight Each, Lbs.....		2	2¼	2¼
Each		$2 25	2 25	2 25

The great advantage of these Dado Planes over those made of wood is that they will keep true under all conditions even in the narrowest widths. They have skew cutters, an adjustable depth gauge, and two adjustable spurs, one on each side of the plane. This adjustable feature permits of the spurs being adjusted to take up wear, as well as for the depth of the cut.

One in a Box

DADO

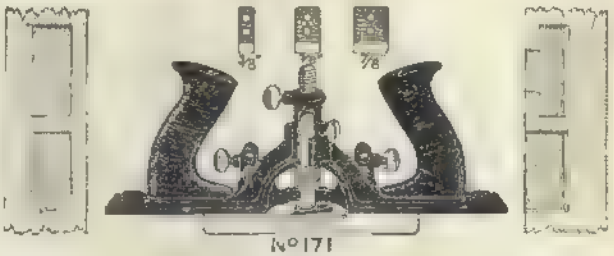
Iron Stock, Japanned. Each

No. 239—7½ in. Long, ⅛ in. Cutter, Weight Each 1 Lb. $3 10

This Plane has an extra narrow cutter, only ⅛ in. wide, making it an ideal tool for blind wire grooving, as well as many other purposes It is fitted with a double spur which prevents splintering when working across the grain and insures a smooth clear cut. A depth gauge is also attached allowing a groove to be cut of any desired depth up to the limit of the plane, ½ in.

One in a Box

DOOR TRIM



Japanned, Rosewood Handles. Each

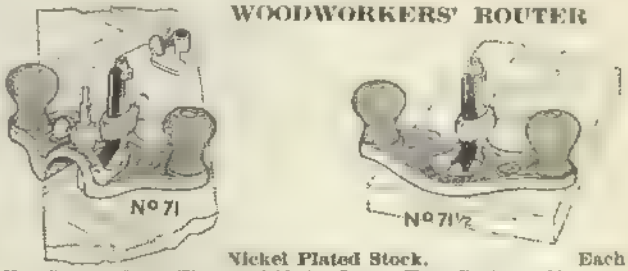
No. 171—11 in. Long, Three Forged Steel Cutters, ⅜ ⅝ and ⅞ in., Weight Each 3 Lbs..... $4.22

This new Plane will make mortises for butts, face plates, escutcheons, etc., up to a depth of ⅜ and a width of 3 inches. Its original feature is the method of mounting the cutter, which can be instantly set to work from either end of the Plane or across it. In addition, the cutter is cushioned by a spring which prevents taking a heavier chip than can be easily carried. A fence regulates the position of the cut and insures the sides of the cut being parallel. The depth of the cut is governed by a positive stop.

By removing the fence and locking the cutter post with the thumb screw instead of using the spring a very superior Router Plane is obtained. The bottom is designed so that an extra wooden bottom of any size desired can be screwed on, enabling the user to router on large openings.

One in a Box

WOODWORKERS' ROUTER



Nickel Plated Stock. Each

No. 71 —Open Throat, 7½ in. Long, Two Cutters, ¼ and ½ in., Weight Each 2⅝ Lbs..... $2 90

No. 71½—Closed Throat, 7½ in. Long, Two Cutters, ¼ and ½ in., Weight Each 2⅛ Lbs..... 2 45

These Planes are for surfacing the bottom or other depressions parallel with the general surface of the work. They are made in two styles, differing in the form of throat. The closed throat is the ordinary form of router plane; the open throat, an improved design, giving more freedom for chips and a better view of the work and cutter. The latter has an attachment for regulating the thickness of the chip, and a second attachment for closing the throat for use on narrow surfaces. The bottoms of both styles are designed so that an extra wooden bottom of any size desired can be screwed on, enabling the user to router on large openings Cutters have screw adjustment, and can be held as shown in illustrations, or on the back of the cutter post, for bull-nose work.

One in a Box.

IMPROVED RABBET, WITH SPUR

Iron Stock, Japanned, Fitted with Spur and Detachable Depth Gauge. Each

No. 190—8 in. Long, 1½ in. Cutter, Weight Each 2½ Lbs. $1.78

No. 191—8 in. Long, 1¾ in. Cutter, Weight Each 2¼ Lbs 1 78

These Planes will be perfectly flat on either side and can be used equally as well with right or left hand while planing into corners or up against perpendicular surfaces.

Fitted with a spur which permits them to be used for working across the grain. One in a Box.

Adjustable Iron Planes.

STANLEY'S

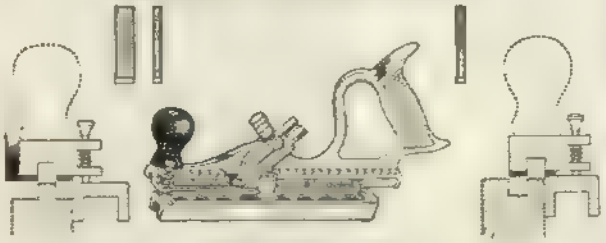
SKEW CUTTER, FILLETSTER AND RABBET

Iron Stock, Japanned. Each

No. 289—8½ in. Long, 1¾ in. Cutter, Weight Each 3¾ Lbs. $2 90

This Plane has an extra wide skew cutter. An adjustable spur is fitted to each side. The fence and depth gauge can be attached to either side; the plane is therefore suitable for right or left hand work. The adjustable fence slides under the bottom, regulating the width of the cut. Remove arms and fence, and a Skew Cutter Rabbet Plane is obtained.

SWINGING FENCE MATCH

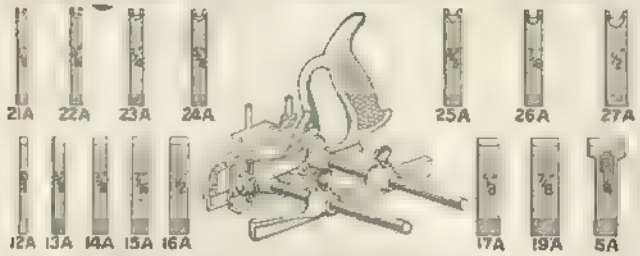


Iron Stock, Nickel Plated, Rosewood Knobs. Each

No. 48—Cuts ⅛ in. Groove on Boards ¾ in to 1¼ in., Centers on ⅞ in., Weight Each 3⅝ Lbs. $3 78

This form has two plow cutters of the same width, and one extra wide cutter. The fence in one setting exposes two cutters for cutting the tongue, and, when reversed, leaves only one exposed for cutting the groove. On thicker boards than the plane works on center, the extra wide cutter is substituted for groove cutter when cutting tongue

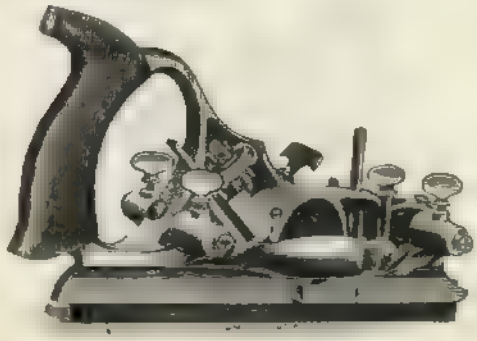
COMBINED PLOW, BEADING AND MATCH



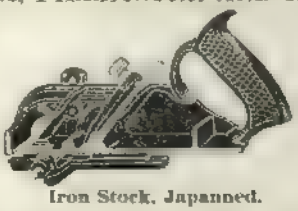
Iron Stock and Handles, Nickel Plated. Each

No. 50—5¼ in. Long, 15 Cutters, Comprising 7 Plow and Dado Bits, ⅛, ⅜, ⅜, ½, ½, ⅝ and ⅞ in., 7 Beading Tools, ⅛, ⅜, ¼, ⅜, ⅜, ½ and ½ in. and ¼ in. Tonguing Tool. Weight Each 3½ Lbs. $6 66

This is a very handy tool for light work. It consists of a main stock, carrying a spur, a heading gauge and a depth gauge, and forming a support for one side of the cutter; a sliding section, carrying a spur and forming a support for the other side of the cutter, and a fence with a 5 in. adjustment. For Parts, see page 171.



DUPLEX, FILLETSTER AND RABBET



Iron Stock, Japanned.

No. 78—8½ in. Long, 1½ in. Cutter, Weight Each 3 Lbs. $2 85

This Plane has two seats for the cutter, one for regular work and the other where a bull-nose is required. It has a spur and a removable depth gauge. The adjustable fence can be used on either side and slides under the bottom, regulating the width of the cut. To work same as a rabbet plane, remove fence and arms.

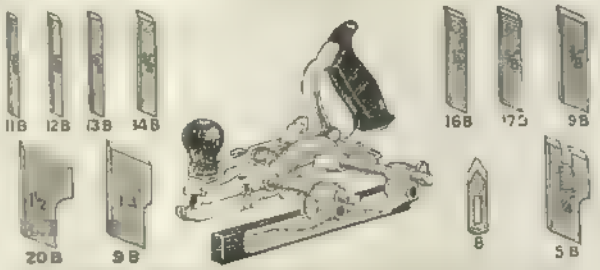
DOUBLE END MATCH

Iron Stock and Handle, Nickel Plated. Each

No. 148—Cuts ¼ in. Groove on Boards ⅝ to 1 in., Centers on ⅞ in., Weight Each 2⅜ Lbs. $3.12

These Planes have two separate cutters, a plow and a tongue tool, both governed by one permanent fence. The tongue tool has one edge wider than the other, which overhangs one side when tonguing on center. Both tongue and groove are cut by working the tool in the same direction, by merely reversing it end for end

COMBINED PLOW, DADO, FILLETSTER AND MATCHING



Iron Stock, Nickel Plated, Rosewood Handle and Knob. Each

No. 46—10½ in. Long, 11 Cutters, Comprising 8 Plow and Dado Bits, ⅛, ⅛, ⅛, ⅜, ½, ⅝, ⅞ and 1¼ in., One 1½ in. Fillister Cutter, One ¼ in. Tonguing Tool and One Slitting Cutter. Weight Each 5¾ Lbs. $7 80

Skew cutters are the feature of this Plane. It consists of a main stock carrying a spur, a depth gauge and a slitting cutter, a sliding section carrying a spur and forming an extra sole for the Plane, and a fence (rosewood face) which can be set for either plow or filletster work. For Parts, see page 171.

SIEGLEY'S IMPROVED ADJUSTABLE COMBINATION

Iron Stock, Nickel Plated.

Each

No. 28—10½ in. Long, 18 Cutters, Comprising 9 Plow and Dado Bits, ⅛, ⅛, ⅛, ⅜, ⅜, ½, ⅝, ¾ and ⅞ in., 7 Beading Tools, ⅛, ⅛, ¼, ⅜, ⅜, ½ and ½ in., One ⅞ in. Match Cutter and a Sash Tool, Weight Each 8 Lbs. $10.45

This Plane is a combination of a Carpenters' Plow and Dado with a Side and Center Beading Plane

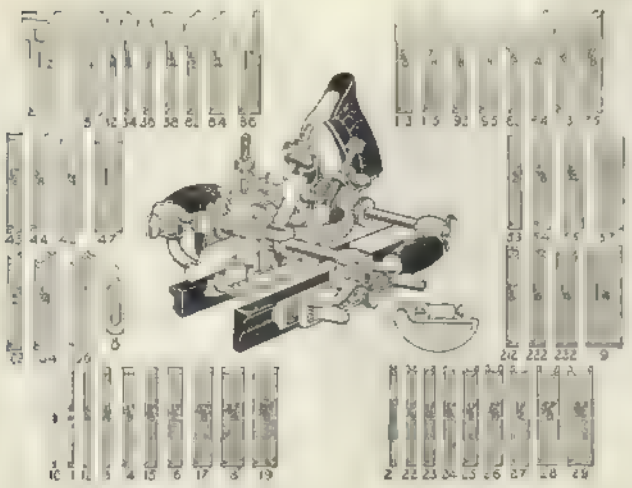
All Above, One in a Box.

Adjustable Iron Planes

STANLEY'S

Write for Prices on Parts.

Nickel Plated Stock, Selected Rosewood Handles and Fences.



		Size	Style	Each
No.	21—	1/8	in. Beading Tool	.15
No.	22—	3/16	in. Beading Tool	.15
No.	23—	1/4	in. Beading Tool	.15
No.	24—	5/16	in. Beading Tool	.20
No.	25—	3/8	in. Beading Tool	.20
No.	26—	7/16	in. Beading Tool	.25
No.	27	1/2	in. Beading Tool	.25
No.	28—	5/8	in. Beading Tool	.30
No.	29—	3/4	in. Beading Tool	.30
No.	32—	1/4	in. Fluting Tool	.30
No.	34—	3/8	in. Fluting Tool	.30
No.	36	1/2	in. Fluting Tool	.30
No.	38	3/4	in. Fluting Tool	.30
No.	43	1/2	in. Hollow	.20
No.	44	5/8	in. Hollow	.20
No.	45—	3/4	in. Hollow	.20
No.	47	1	in. Hollow	.20
No.	53	1/2	in. Round	.20
No.	54—	5/8	in. Round	.20

One in a Steel Box.

Nickel Plated Stock, Selected Rosewood Handles and Fences. Each

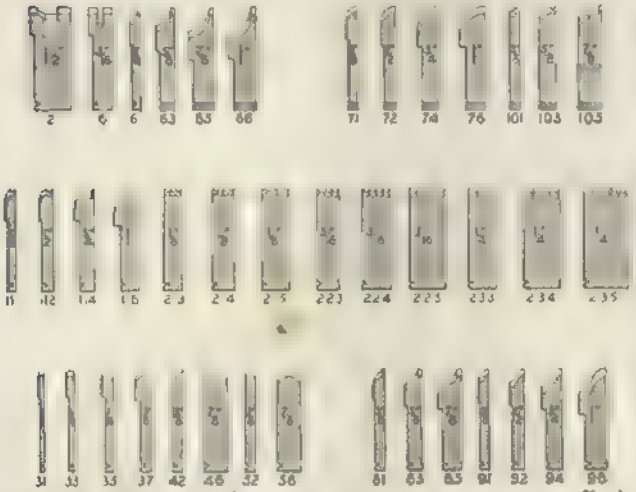
No. 55—With 52 Cutters, Weight Each 15¼ Lbs. $24.00

This Tool, in addition to being a Beading and Center Beading Plane, a Plow, Dado, Rabbet, Filletster, and Match Plane, a Sash Plane and a Slitting Plane is also a superior Moulding Plane, and will accommodate cutters of almost any shape and size. In fact, it is **"A Planing Mill within Itself."**

The following cutters are furnished with each Plane. The price is given in case duplicates should be required.

		Size	Style	Each
No.	1—	1½	in. Sash Tool	$0.50
No.	5—	1/4	in. Match Tool	.50
No.	8—		Slitting Tool	.30
No.	9—	1¼	in. Filletster	25
No.	10—	1/8	in. Plow and Dado Tool	.15
No.	11—	3/16	in. Plow and Dado Tool	.15
No.	12—	1/4	in. Plow and Dado Tool	.15
No.	13—	3/16	in. Plow and Dado Tool	.15
No.	14—	3/8	in. Plow and Dado Tool	.20
No.	15—		in. Plow and Dado Tool	20
No.	16—	1/2	in. Plow and Dado Tool	.20
No.	17—	5/8	in. Plow and Dado Tool	.20
No.	18—	3/4	in. Plow and Dado Tool	.20
No.	19	7/8	in. Plow and Dado Tool	25
No.	55—	3/4	in. Round	.20
No.	57	1	in. Round	.20
No.	62—	1/2	in. Quarter Hollow	.45
No.	64—	3/4	in. Quarter Hollow	.50
No.	72—	5/8	in. Quarter Round	.45
No.	75—	3/4	in. Quarter Round	.50
No.	82—	1/2	in. Reverse Ogee	.45
No.	84—	3/4	in. Reverse Ogee	.50
No.	86	1	in. Reverse Ogee	50
No.	93	5/8	in. Roman Ogee	45
No.	95—	7/8	in. Roman Ogee	.50
No.	102—	1/2	in. Grecian Ogee	.45
No.	104—	3/4	in. Grecian Ogee	.50
No.	106—	1	in. Grecian Ogee	.50
No.	113—	5/8	in. ¼ Round with Bead	.45
No.	115—	7/8	in. ¼ Round with Bead	.50
No.	212—	1/2	in. Reeding Tool, 2 Bead	.20
No.	222—	3/16	in. Reeding Tool, 2 Bead	.20
No.	232—	1/4	in. Reeding Tool, 2 Bead	.20

SPECIAL CUTTERS FOR No. 55 PLANE



These Cutters are regularly carried in stock at Factory and may be ordered by simply specifying the number of Cutter required

Cutters of practically any form can be used in the Plane, which the owner can make from blanks or order from sketch

		Size	Style	Each
No.	2—	1½	in. Sash Tool	$0.50
No.	6—	1/4	in. Match Tool	50
No.	31—	1/16	in. Fluting Tool	30
No.	33—	1/8	in. Fluting Tool	30
No.	35—	1/16	in. Fluting Tool	30
No.	37	5/8	in. Fluting Tool	50
No.	42	5/8	in. Hollow	20
No.	46	7/8	in. Hollow	20
No.	52	5/8	in. Round	20
No.	56	7/8	in. Round	20
No.	61	3/8	in. Quarter Hollow	45
No.	63	5/8	in. Quarter Hollow	45
No.	65	7/8	in. Quarter Hollow	50
No.	66	1	in. Quarter Hollow	50
No.	71	3/8	in. Quarter Round	.45
No.	72	1/2	in. Quarter Round	45
No.	74	5/8	in. Quarter Round	50
No.	76	1	in. Quarter Round	50

		Size	Style	Each
No.	81	3/8	in. Reverse Ogee	.45
No.	83	5/8	in. Reverse Ogee	.45
No.	85	7/8	in. Reverse Ogee	.50
No.	91	3/8	in. Roman Ogee	.45
No.	92	1/2	in. Roman Ogee	.45
No.	94	3/4	in. Roman Ogee	.50
No.	96	1	in. Roman Ogee	.50
No.	101	3/8	in. Grecian Ogee	.45
No.	103	5/8	in. Grecian Ogee	.45
No.	105	7/8	in. Grecian Ogee	.50
No.	111	3/8	in. ¼ Round with Bead	.45

		Size	Style	Each
No.	112—	1/2	in. ¼ Round with Bead	$0.45
No.	114—	3/4	in. ¼ Round with Bead	50
No.	116—	1	in. ¼ Round with Bead	50
No.	213—	1/8	in. Reeding Tool, 3 Beads	30
No.	214—	1/8	in. Reeding Tool, 4 Beads	40
No.	215—	1/8	in. Reeding Tool, 5 Beads	50
No.	223—	3/16	in. Reeding Tool, 3 Beads	30
No.	224—	3/16	in. Reeding Tool, 4 Beads	40
No.	225—	3/16	in. Reeding Tool, 5 Beads	50
No.	233—	1/4	in. Beeding Tool, 3 Beads	30
No.	234—	1/4	in. Reeding Tool, 4 Beads	40
No.	235—	1/4	in. Reeding Tool, 5 Beads	50

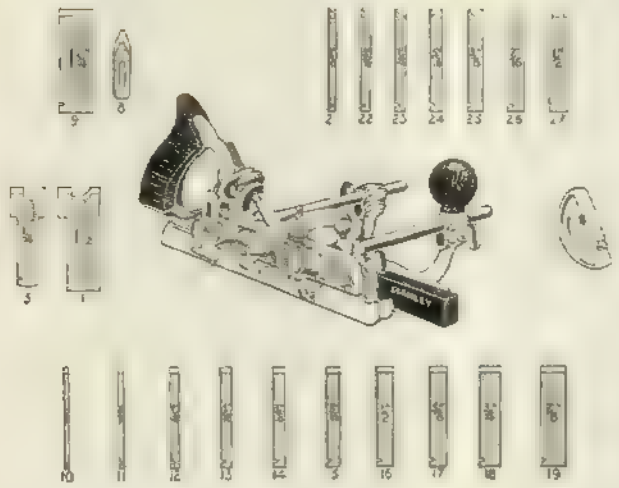
NOTE—Repairs for No. 55 Plane, See Page 171.

Adjustable Iron Planes

STANLEY'S **Write for Prices on Parts.**

Nickel Plated Stock. Selected Rosewood Handle, Knob and Fence.

	Each
No. 45—With 21 Cutters, Weight Each 9½ Lbs....	$12 00



Seven tools in one in compact and practical form. 1, Beading and Center Beading Plane. 2, Plow. 3, Dado. 4, Rabbet and Filletster. 5, Match Plane. 6, Sash Plane. 7, Slitting Plane.

The Plane has two principal parts, a Main Stock and a Sliding Section. The main stock carries the handle, cutter adjustment, a slitting tool, depth gauge, and forms a bearing for one edge of the Cutter. The Sliding Section slides on two arms secured on the stock and has a bearing for the other edge, allowing cutters of different widths to be used. A fence also slides on these arms for use when working as a plow, beader or filletster, to gauge the distance from the cutter to the edge of the board, and to keep the cutter at right angles to same. When used as a filletster, the fence slides under the bottom of the Plane and determines the width of cutter exposed to the work.

The Plane is fitted with spurs for use across the grain, etc., and can be used either right or left hand. The handle, knob and fence are made of selected rosewood

For beading at a distance from the edge of a board, attach cam rest (see cut at right of Plane) to the front arm between the sliding section and fence to prevent the fence sagging in certain work attach same to the rear arm to prevent the Plane from rocking

The Plane together with its 21 cutters is packed in a substantial box

The following cutters are furnished with each Plane. The price is given in case duplicates should be required

	Size	Style	Each
No. 1	1⅛ in.	Sash Tool	$0.50
No. 5	¼ in.	Match Tool	.50
No. 8		Slitting Tool	.30
No. 9	1¼ in.	Filletster	.25
No. 10	⅛ in.	Plow and Dado Tool	15
No. 11	1/16 in.	Plow and Dado Tool	15
No. 12	3/16 in.	Plow and Dado Tool	15
No. 13	1/16 in.	Plow and Dado Tool	15
No. 14	5/16 in.	Plow and Dado Tool	20
No. 15	1/16 in.	Plow and Dado Tool	20
No. 16	½ in.	Plow and Dado Tool	20
No. 17	5/16 in.	Plow and Dado Tool	20
No. 18	¾ in.	Plow and Dado Tool	20
No. 19	⅞ in.	Plow and Dado Tool	25
No. 21	⅛ in.	Beading Tool	15
No. 22	3/16 in.	Beading Tool	15
No. 23	¼ in.	Beading Tool	15
No. 24	5/16 in.	Beading Tool	20
No. 25	⅜ in.	Beading Tool	20
No. 26	7/16 in.	Beading Tool	25
No. 27	½ in.	Beading Tool	25

HOLLOWS AND ROUNDS

For Use on No. 45 Plane and Not Included in Price of Plane.

Nos.	6	8	10	12
Cutter, Inches	⅛	5/16	¼	1
Words Circle, Inches	⅝	1	1¼	1½
Per Pair	$2.25	2.25	2.35	2.35

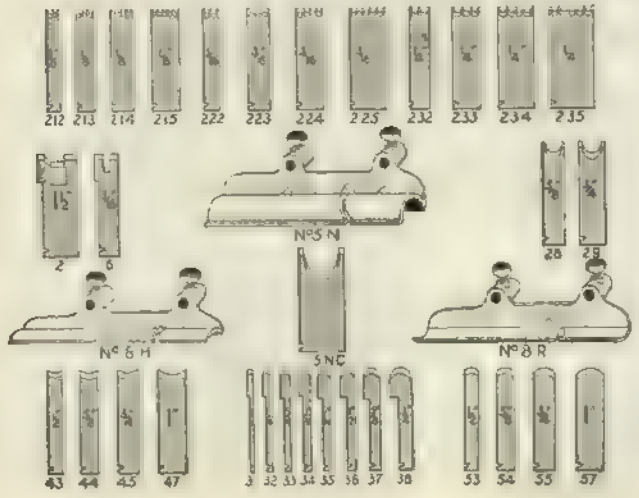
NOSING TOOL, FOR No. 45 PLANE

	Each
No. 5—1½ in. Cutter, Works 1¼ in. Circle	$1.80
No. 5NC—1½ in. Extra Cutters for No. 5 Nosing Tool	25

In order to work Hollows and Rounds, or a Nosing Cutter in the No. 45 Plane, it is necessary to substitute for the sliding section, specially formed bottoms which are called by the same name as the cutters they are designed to carry, that is: Hollows, Rounds or Nosing Tools

A Hollow and its cutters will form a **Round** on the moulding being worked. A Round and its cutters will form a **Hollow.** A Nosing Tool and its cutters will form what might be called an exaggerated Round It is very largely used for shaping the edges of stair treads. Hollows and Rounds are made in four sizes and are usually sold in sets, a set comprising one Hollow, one Round and two Cutters. The price of a Nosing Tool includes one Cutter.

SPECIAL CUTTERS FOR No. 45 PLANE



	Size	Style	Each
No. 2	1½ in.	Sash Tool	$0.50
No. 6	5/16 in.	Match Tool	.50
No 28	5/16 in.	Beading Tool	.30
No 29	⅜ in.	Beading Tool	.30
No. 31	1/16 in.	Fluting Tool	.30
No. 32	⅛ in.	Fluting Tool	.30
No. 33	5/16 in.	Fluting Tool	.30
No. 34	¾ in.	Fluting Tool	.30
No. 35	1/16 in.	Fluting Tool	.30
No. 36	½ in.	Fluting Tool	.30
No. 38	5/16 in.	Fluting Tool	30
No. 38	¾ in.	Fluting Tool	30
No. 212	⅛ in.	Reeding Tool, 2 Beads	20
No. 213	⅛ in.	Reeding Tool, 3 Beads	30
No. 214	⅛ in.	Reeding Tool, 4 Beads	40
No. 215	⅛ in.	Reeding Tool, 5 Beads	50
No. 222	3/16 in.	Reeding Tool, 2 Beads	.20
No. 223	3/16 in.	Reeding Tool, 3 Beads	30
No. 224	3/16 in.	Reeding Tool, 4 Beads	40
No. 225	3/16 in.	Reeding Tool, 5 Beads	50
No. 232	¼ in.	Reeding Tool, 2 Beads	20
No. 233	¼ in.	Reeding Tool, 3 Beads	.30
No. 234	¼ in.	Reeding Tool, 4 Beads	40
No. 235	¼ in.	Reeding Tool, 5 Beads	50

NOTE—For Repairs for No. 45 Planes, See Page 171.

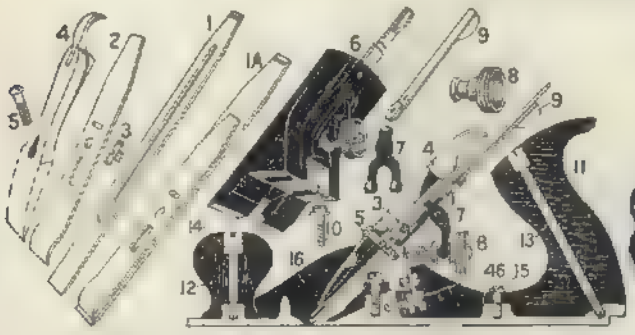
Plane Parts.

Write for Prices on Parts.

In several of the Planes, the Parts designated by the same name differ in form. In these cases the corresponding Parts are given the same number, and when the Part is not shown directly opposite the number of the Plane, it will be found in another place on the plate.

Always give Plane number and Part number when ordering Cutters or Parts.

FOR BAILEY IRON PLANE



An improvement has been made in the "Bailey" Iron Plane which necessitated a change in the construction of the Bottom and Frog thereby making it impossible to use the new style frog in an old style bottom, or the old style frog in the new style bottom.

For a time an intermediate style was made having same Frog and Bottom as the latest design, except there was no frog-adjusting screw. Consequently no clip on the Frog.

The latest design Frog or Bottom will be furnished for both the intermediate and new style planes. If your plane is of the intermediate pattern, remove the steel clip from the frog and the parts will fit.

In order that we may fill your order for Frog correctly specify which style Plane you want.

The difference in the construction of Frogs and Bottoms is clearly shown in the illustrations above.

"BAILEY" IRON PLANES

	Name of Part. No. of Plane	1	2, 2C	3, 3C	4, 4C	4½, 4½C	5, 5C	5½, 5½C	6, 6C	7, 7C	8, 8C
No. 1A	—Double Plane Iron	$0 42	35	38	.42	48	.42	44	48	48	50
No. 1	—Single Plane Iron	18	21	2	.25	29	25	28	29	29	32
No. 2	—Plane Iron Cap	14	14	15	.17	19	17	.19	19	.19	18
No. 3	—Cap Screw	5	05	0	05	6	05	05	05	.05	05
No. 4	—Lever Cap	.25	25	2	.25	25	25	25	.25	.25	25
No. 5	—Lever Cap Screw	05	05	05	.05	05	05	.05	05	05	05
No. 6	—Frog Complete	35	35	35	35	.35	35	.35	35	35	35
No. 7	—"Y" Adjusting Lever	05	05	05	05	05	05	05	05	05	05
No. 8	—Adjusting Nut	10	10	10	10	10	10	10	1	.10	10
No. 9	—Lateral Adjusting Lever	10	10	10	10	10	10	10	10	10	10
No. 10	—Frog Screw	05	05	05	05	05	05	05	05	05	05
No. 11	—Plane Handle	20	20	20	20	20	20	20	2	20	20
No. 12	—Plane Knob	15	15	15	15	15	15	15	15	15	15
No. 13	—Handle Bolt and Nut	10	10	10	10	10	10	10	10	10	10
No. 14	—Knob Bolt and Nut	10	10	10	10	10	10	10	10	.10	10
No. 15	—Plane Handle Screw					05	05	05	05	05	05
No. 16	—Plane Bottom	.85	.85	1 00	1 00	1 20	1 20	1 20	1 60	2 35	2 35
No. 46	—Frog Adjusting Screw	.05	.05	05	.05	05	05	05	05	05	05

FOR STANLEY BED ROCK PLANES

An improvement has been made in the "Bed Rock" Plane which necessitated a change in construction of the Bottom and Frog thereby making it impossible to use the new style frog in an old style bottom or the old style frog in a new style bottom.

In order that we may fill your order for Frog correctly specify which style you want.

The difference in construction of the Frogs and Bottoms is very clearly shown in the illustrations above.

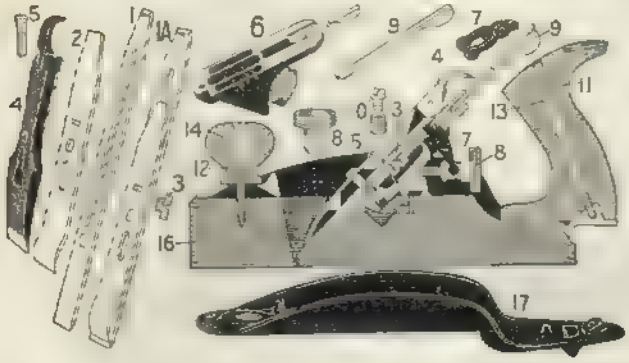
	Name of Part. No. of Plane	602, 602C	603, 603C	604, 604C	604½, 604½C	605, 605C	605½, 605½C	606, 606C	607, 607C	608, 608C
No. 1A	—Double Plane Iron	$0 35	.38	.42	.48	.42	.47	.48	48	50
No. 1	—Single Plane Iron	21	.23	.25	.29	.25	.28	.29	29	32
No. 2	—Plane Iron Cap	14	15	17	19	17	19	19	19	18
No. 3	—Cap Screw	05	05	05	06	.05	05	05	05	05
No. 4	—Lever Cap	30	30	30	30	30	30	30	30	30
No. 5	—Lever Cap Screw	05	05	5	5	05	05	05	05	05
No. 6	—Frog Complete	50	50	50	50	50	50	50	50	50
No. 7	—"Y" Adjusting Lever	05	05	05	5	05	05	05	05	05
No. 8	—Adjusting Nut	10	10	1	.10	10	10	10	10	10
No. 9	—Lateral Adjusting Lever	10	10	10	10	10	10	10	10	10
No. 11	—Plane Handle	20	20	20	20	.20	20	20	2	20
No. 12	—Plane Knob	15	15	15	.15	15	15	15	15	15
No. 13	—Handle Bolt and Nut	10	10	10	.10	10	10	10	10	10
No. 14	—Knob Handle and Bolt	.10	10	10	10	10	10	10	10	10
No. 15	—Plane Handle Screw				05	05	05	05	05	05
No. 16	—Plane Bottom	10	1 25	1 25	1 50	1	1	2	3 50	3 50
No. 44	—Frog Pin	0	0	0	10	10	10	10	10	10
No. 45	—Frog Clamping Screw	05	05	05	05	5	5	5	05	05
No. 46	—Frog Adjusting Screw	05	05	0	5	05	05	05	05	05

Always Give Plane Number and Part Number in Ordering Parts

Plane Parts.

Write for Prices.

FOR "BAILEY" WOOD PLANES



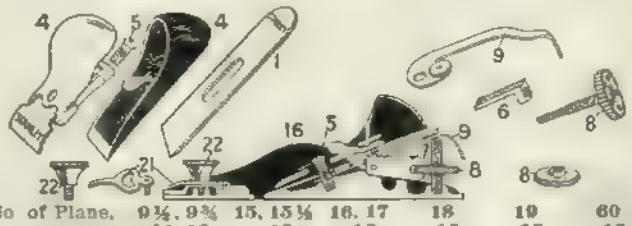
In several of the Planes, the Parts designated by the same name differ in form

In these cases the corresponding Parts are given the same number; and when the Part is not shown directly opposite number of the Plane, it will be found in another place on the plate.

Always give Plane number and Part number when ordering Cutters or Parts.

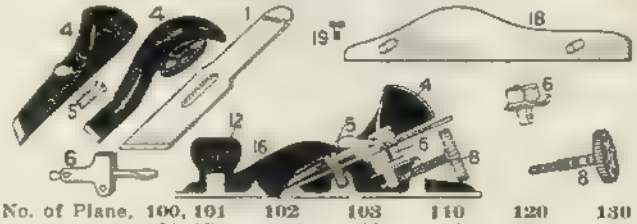
	Name of Part	No. of Plane,	21, 22, 23	24, 25, 35	26	27	27½	28, 29	30, 31	32, 33, 34	36	37
No.	1A—Double Plane Iron		$0.38	.42	.42	.45	.47	.48	.48	.50	48	50
No.	1 —Single Plane Iron		.28	.25	.26	.27	.28	.29	.29	.32	.29	32
No.	2 —Plane Iron Cap		.15	.17	.17	.18	.19	.19	.19	.18	19	.18
No.	3 —Cap Screw		.05	.05	.05	.05	.05	.05	.05	.05	05	.05
No.	4 —Lever Cap		.20	.20	.20	.20	.20	.20	.20	.20	20	20
No.	5 —Lever Cap Screw		05	.05	.05	.05	.05	.05	.05	.05	05	05
No.	6 —Frog Complete		.30	.30	.30	.30	.30	.30	.30	.30	30	30
No.	7 —"Y" Adjusting Lever		.05	.05	.05	.05	.05	.05	.05	.05	05	05
No.	8 —Adjusting Nut		.10	.10	.10	.10	.10	.10	.10	.10	10	10
No.	9 —Lateral Adj. Lever		.10	.10	.10	.10	.10	.10	.10	.10	10	10
No.	10 —Frog Screw and Bushing		.10	.10	.10	.10	.10	.10	.10	.10	10	.10
No.	11 —Plane Handle		....	.10	.10	.10	.10	.10	.10	.10	10	.10
No.	12 —Plane Knob		.10	.10	.10	.10	.10	.10	.10	.10	10	.10
No.	13 —Handle Bolt and Nut		....	.10	.10	.10	.10	.10	.10	.10	10	10
No.	14 Knob Bolt and Nut		.10	.10	.10	.10	.10	.10	.10	.10	10	.10
No.	16 —Plane Bottom		.40	.40	.50	.50	.50	.70	.80	.85	50	.70
No.	17 —Top Casting		.20	.20	.20	.20	.20	.20	.20	.20	20	20

FOR BAILEY AND STANLEY BLOCK PLANES



	Name of Part	No of Plane,	9½, 9¾	15, 15½	16, 17	18	19	60	60½	61	65	65½
No	1—Single Plane Iron		$0.17	.17	.17	.17	.17	.17	.17	.17	.17	.17
No.	4—Lever Cap		.10	.10	.15	.20	.20	.15	.10	.15	.15	.10
No.	5—Lever Cap Screw		.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
No.	6—Frog Complete		...	...	...	...	...	.10	.10	.10	.10	.10
No.	7—Adjusting Lever		.05	.05	.05	.05	.05	...	...	...	..	.
No.	8—Adjusting Nut		.10	.10	.10	.10	.10	.10	.10	.10	.10	.10
No	9—Lateral Adj. Lever		.10	.10	.10	.10	.10	...	...	...	...	..
No	11—Plane Handle		.25	.25	...	...	...	...	...	...	...	..
No.	16—Plane Bottom		.70	.75	.75	.70	.75	.60	.60	.40	.75	75
No	21—Eccentric Plate		.10	.10	.10	.10	.10	.10	.10	.10	.10	10
No.	22—Finger Rest Knob		.10	.10	10	.10	.10	.10	.10	.10	.10	.10

FOR STANLEY BLOCK PLANES

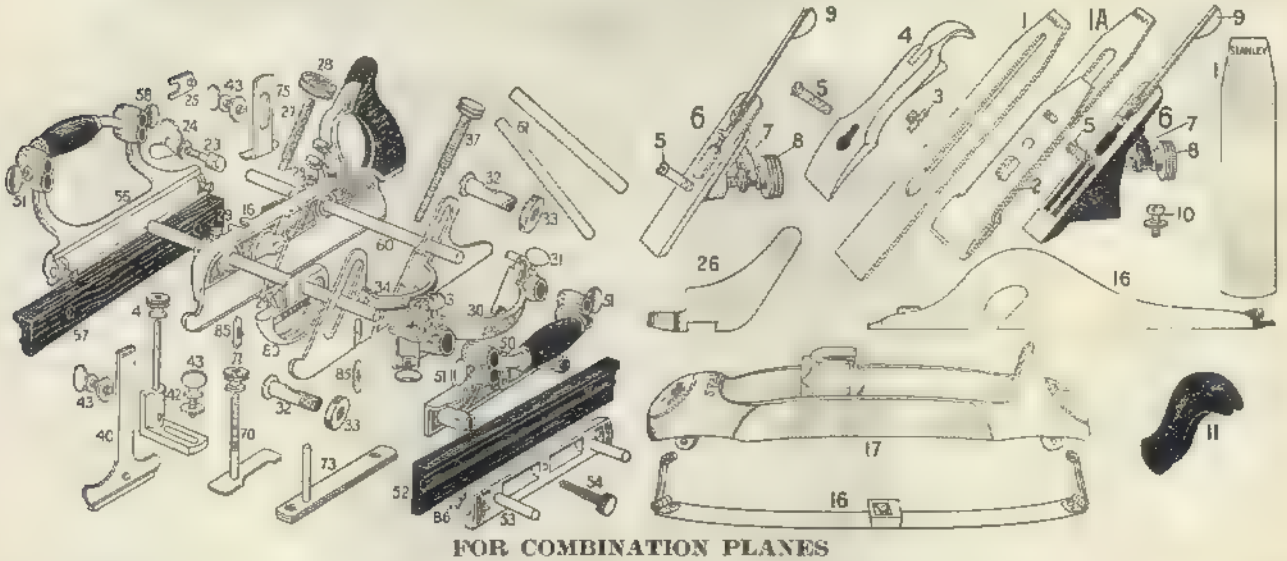


	Name of Part	No. of Plane,	100, 101	102	103	110	120	130	131	140	203	220
No.	1—Single Plane Iron		$0 05	.10	.10	.13	.17	.13	.17	.20	.20	.17
No.	4—Lever Cap		.05	.10	.10	.10	.10	.10	.10	.15	.10	.10
No.	5—Lever Cap Screw		...	...	...	...	...	...	.05	.05	.05	.05
No.	6—Frog Complete		...	...	...	...	.15	...	.15	.10	.10	.10
No.	8—Adjusting Nut		...	...	...	...	...	...	.10	.10	.10	.10
No.	12—Plane Knob		...	...	...	.10	.10	.10	.15	.15	.10	.10
No.	16—Plane Bottom		.10	.15	.20	.25	.30	.35	.70	.75	.25	.30
No.	18—Detachable Side		...	...	..	...	...	...	...	.25	..	.
No.	19—Side Screw ..... Per Pair,		...	...	...	..	...	...	...	.10		

Plane Parts.

See Note on Top of Page 170.

FOR COMBINATION PLANES FOR CARRIAGE, CIRCULAR AND SCRUB PLANES



FOR COMBINATION PLANES

	Name of Part	Plane Nos..	45	46	50	55	444
No. 1	—Cutters	Per Set.	$3.50	2.00	1.75	6.00	1.25
No. 16	—Main Stock or Bottom		2 50	2 50	1.25	3.00	2 50
No. 23	—Cutter Bolt		.15	.15	.15	.15	....
No. 24	—Cutter Bolt Wing Nut		.15	.15	.15	.15	....
No. 25	—Cutter Bolt Clip and Screws		.05	.05	....	.05	. .
No. 27	—Cutter Bolt Adjusting Screws		.10	....	....	.10	. .
No. 28	—Cutter Bolt Adjusting Wheel		.10	....	....	.10	. .
No. 30	—Sliding Section		1.50	1.50	.30	.75	.
No. 32	—Thimble		....	....	....	.15	.
No. 33	—Thimble Check Nut		....	....	....	.15	.
No. 34	—Adjustable Bottom		....	....	....	1.25	. .
No. 37	—Adjustable Bottom Screw		....	....	....	.20	..
No. 40	—Auxiliary Center Bottom		....	....	....	.30	. .
No. 42	—Angle Iron and Adjusting Screws		....	....	....	.30	.
No. 50	—Left Fence		.75	.75	.75	1.35	1 00
No. 52	—Tilting Guard Plate (Wood)		....	....	....	.20	..
No. 53	—Tilting Iron with Swivel		....	....	....	.40	..
No. 54	—Left Fence Adjusting Screw		....	....	....	.20	
No. 56	—Right Fence		....	....	....	1 00	1 25
No. 57	—Right Fence Tilting Plate		....	....	....	.20	.. .
No. 60	—Long Arms	Per Pair.	.50	.50	.50	.50	. .
No. 61	—Short Arms	Per Pair.	.25	.25	....	.25	25
No. 70	—Adjustable Depth Gauge		.20	.20	.20	.20	.
No. 73	—Adjustable Beading Stop		.20	....	....	.30	
No. 75	—Slitting Cutter Stop		.10	.10	.10	.10	
No. 80	—Cam Stop		.40	....	....	.40	
No. 85	—Spurs with Screws		.05	.05	.05	05	05
							Each
Screws Nos. 29, 31, 41, 43, 51, 58, 71, 76, 81, 86 and 87							$0.10

FOR CARRIAGE, CIRCULAR AND SCRUB PLANES

	Name of Part	No. of Plane.	10	10¼	10½	11, 11½	113	20	40	40½	51	74
No. 1A	—Double Plane Iron		$0 45	.45	.45	.45	38	38	.	.	48	50
No. 1	—Single Plane Iron		.27	.27	.27	.29	23	23	20	25	29	32
No. 2	—Plane Iron Cap		.18	.18	.18	.19	15	15	.	.	.19	18
No. 3	—Cap Screw		.05	.05	.05	.06	05	05	. .	.	05	05
No. 4	—Lever Cap		.25	.25	.35	.26	25	.25	10	.10	25	30
No. 5	—Lever Cap Screw		.05	.05	.05	.05	05	05	05	05	05	10
No. 6	—Frog Complete		35	.35	.35	.35	.35	.35	.		35	
No. 7	—"Y" Adjusting Lever		.05	.05	.05	.05	05	05	.	.	.05	.
No. 8	—Adjusting Nut		.10	.10	.10	.10	10	10	. .	.	.10	.
No. 9	—Lateral Adjusting Lever		.10	.10	.10	....	10	10			10	.
No. 10	—Frog Screw		.05	.05	.05	.05	05	05	.	.	05	
No. 11	—Plane Handle		.20	.40	.20	.30	15		10	10	20	1 00
No. 11	—Plane Knob		10	30	.15			.	10	10	15	
No. 13	—Handle Bolt and Nut		10	.10	10	.	.	.	10	10	.10	
No. 14	—Knob Bolt and Nut		10	10	10		.	.	10	10	.10	
No. 16	—Plane Bottom		1 65	1 50	1 50	1 30	60	60	.70	1 00	3 00	2 20
No. 17	—Top Casting		.	. .	. .	..	1 60	1 50	.	. .	. .	
No. 26	—Frog Seat			. .	.		.	50	.		. .	
No. 35	—Bottom Adjusting Screw				.		50	25		.		
No. 36	—Bottom Adjusting Nut						.	25		.	..	.

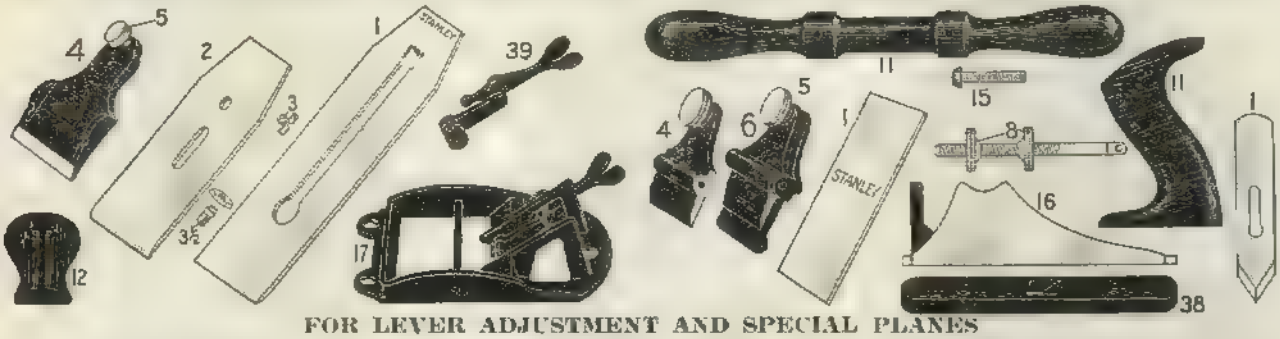
Always Give Plane Number and Part Number in Ordering Parts.

Plane Parts

Write for Prices on Parts.

See Note on Top of Page 170.

FOR LEVER ADJUSTMENT AND SPECIAL PLANES — FOR SCRAPER OR CHAMFER PLANES



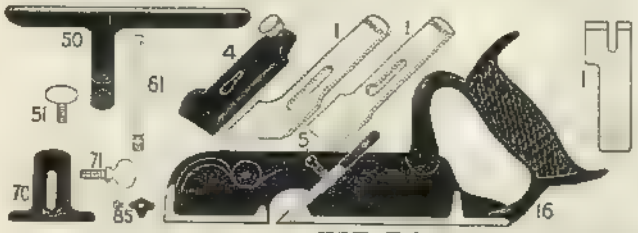
FOR LEVER ADJUSTMENT AND SPECIAL PLANES

Name of Part — No. of Plane,	104	105	122	127	129	132	135	340	62	97
No. 1A —Double Plane Iron	$0.45	.45	.38	.45	.48	.50	45	. .	. .	....
No. 1 —Single Plane Iron	.27	.27	.23	.27	.29	32	27	.30	30	.45
No. 2 —Plane Iron Cap	.18	.18	.15	.18	.19	18	18	..	.	..
No. 3 —Cap Screw	.05	.05	.05	.05	.05	.05	.05	. ..	....	....
No. 3½ —Adjustable Stud and Nut	.05	.05	.05	.05	.05	05	.05	. .	. .	. .
No. 4 —Lever Cap	.10	.10	.10	.10	.10	.10	.10	.10	.15	.15
No. 5 —Lever Cap Screw	....	....	....	....	....	....	....	.05	.05	.05
No. 11 —Plane Handle	.20	.20	....	.10	.10	.10	.10	.10	.30	....
No. 12 —Plane Knob	.15	.15	.10	.10	.10	.10	.10	.15	.15	.15
No. 13 —Handle Bolt and Nut	.10	.10	....	.10	.10	.10	10	10	10	...
No. 14 —Knob Bolt and Nut	.10	10	. .				.	10	10	.10
No. 15 —Plane Handle Screw	.	..	.	05	.05	05	05	.	.	....
No. 16 —Plane Bottom	85	1 35	.40	45	.70	85	.40	80	1.75	1.00
No. 17 —Top Casting	. .	....	30	30	30	30	.30	.. .	....	. .
No. 21 —Eccentric Plate	. ..	.	..		.	.	..	. ..	.10	. ..
No. 22 —Finger Rest Knob	. ..	....	..	.	. .		..	....	25	....
No. 39 —Lever Adjustment	.20	.20	.20	.20	.20	20	.20	..	. .	. .

FOR SCRAPER OR CHAMFER PLANES

Name of Part — No. of Plane,	12, 12½	12¼	112	212	85	87	56	57	72	72½
No. 1—Single Plane Iron	$0.20	.20	.20	.20	20	20	25	.30	.10	20
No. 4—Lever Cap	25	.25	.20	.10	20	20	15	15	10	10
No. 5—Lever Cap Screw	...	...	.	..	.		05	05	05	05
No. 6—Frog Complete	60	70	.35	.10	.30	.30				..
No. 8—Adjusting Nut	.10	.10	.10	...	...	...	.			..
No. 10—Frog Screw	...	...	...	...	.05	.05		..		.
No. 11—Plane Handle	.50	.50	.20	...	.25	.20	20	10	30	.30
No. 12—Plane Knob	...	...	.15	.20	.20	.20	..	.10	.15	.15
No. 13—Handle Bolt and Nut	...	...	.10	...	.10	.10		10	.10	10
No. 14—Knob Bolt and Nut	...	.	10	10	10	10	.	.10	.10	.10
No. 15—Plane Handle Screw	05	05	. .	. .	. .	.	. .	.	. .	...
No. 16—Plane Bottom	1 20	80	1 20	60	1.00	80	1.00	2.50	1.50	1.50
No. 38—Extra Wood Bottom	50	.	. .	..	...	...	.	...	...	...

FOR RABBET, MATCHING AND DADO PLANES



FOR RABBET AND ROUTER PLANES

FOR RABBET, MATCHING AND DADO PLANES

Name of Part — No. of Plane,	39	48	49	78	289	*146	*147 *148	*171	180 to 182	190 to 192
No. 1 —Single Plane Iron (*Set)	$0.20	20	20	20	30	65	65	40	20	20
No. 4 Lever Cap	10	10	10	10	10	15	15	. .	10	10
No. 16—Plane Bottom	1 20	1 20	2 00	1 00	1 20	1 50	1 50	90	75	90
No. 50—Fence	. .	50	50	25	20	.	.	30	.	....
No. 51—Fence Thumb Screw	...			05	05	.		05	.	. ..
No. 61—Short Arm	. .	.	. .	.10	10	..	.	20	. .	...
No. 70—Adjustable Depth Gauge	.20			20	.20			. .	.20	20
No. 71—Depth Gauge Thumb Screw	10	.	.	10	.10	.		. .	10	15
No. 85—Spurs with Screws	.10	...	. .	.05	05			.	.	. .

FOR RABBET AND ROUTER PLANES

Name of Part — No of Plane,	90, 92	93	94	190	98	99	71	71½	75	95
No. 1—Single Plane Iron	$0.30	.30	.30	.25	.20	.20	.30	.30	.10	.20
No. 4—Lever Cap	.15	.15	.15	.10	.10	.10	...	...	.10	10
No. 12—Plane Knob	...	...	...	...	.15	.15	.15	.15	.	..
No. 14—Knob, Bolt and Nut	...	...	...	...	...	...	.10	.10	..	.
No. 16—Plane Bottom	1.75	2.10	2.50	1.20	.60	.60	1.00	1.00	.30	80
No. 27—Cutter Bolt Adj. Screw	.20	.20	.20	...	...	...	...	...	...	...
No. 47 Extra Attachment	.			.	.		25	.	...	...
No. 48—Collar	...	..	...	...	...	...	25	25	.	..

Always Give Plane Number and Part Number in Ordering Parts.

TINNERS' MACHINES

ACME SQUARING SHEARS

The cutting knives are of the highest grade steel welded to wrought iron

The treadles are extra heavy with one piece tread.

Shear beds are bolted to the housings and can be shifted to and from the upper knife to compensate for the regrinding of the cutting knives.

For No. 18 Iron and Lighter.

Nos.	177	179	180
Length Cutting Blades, In.	22	31	37
Length Rear Gauge Arms, In.	15	24	29
Width Bed Plate, In.	12	13	13
Length Front Arm, In.	10	12	12
Weight Each, Lbs.	300	425	700
Without Side Tables....Each, $			
Side Tables .....Per Pair,			

Designed for cutting metal, but are adapted for a variety of uses, as cutting leather, cloth, paper, hard or soft rubber, etc.

Complete gauge equipment furnished with all numbers

IMPROVED

For No. 18 Iron and Lighter.

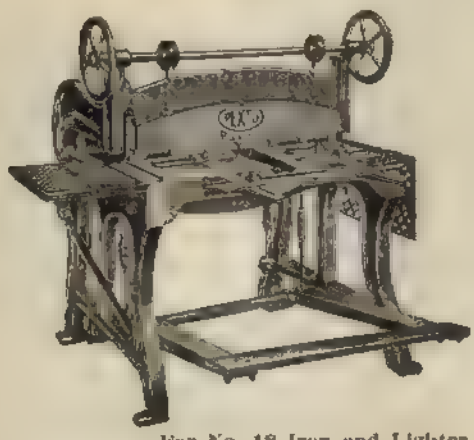
Nos.	132B	137B	142B
Length Cutting Blades, In.	31	36	42
Length Rear Gauge Arms, In.	24	24	24
Length Front Arms, In.	19	25¼	25¼
Width Bed Plate, In.	14	14	14
Weight Each, Lbs.	540	650	800
Without Side Tables....Each, $			
Side Tables .....Per Pair,			

Nos. 137B and 142B furnished with hold down attachment, and No. 132B with top shelf.

These new improved shears are preferred over others, owing to their extra wide bed plate. They will cut up to their rated capacity and give excellent service

Complete gauge equipment furnished with all numbers.

GAP



Gibs are provided for taking up wear of cutting bar

Gates or cross heads to which the upper knife is attached are proportioned to eliminate any tendency to spring when cutting within the rated capacity

For No. 18 Iron and Lighter.

Nos.	186	187
Length Cutting Blade, Inches.	37	37
Depth of Throat, Inches.	15½	19
Length Short Front Arms, In.	12½	12½
Length Long Front Arms, In.	25¼	25¼
Length Rear Gauge Arms, In.	19¼	19¼
Width Bed Plate, Inches.	13½	13½
Weight Each, Lbs.	1500	1620
Each	$	

Furnished complete with hold-down attachment, side shelves and two pairs of front arms, one pair each long and short, and complete gauge equipment

With these Gap Shears, sheets 30 in. wide may be cross cut, at any point desired. Sheets 37 in. wide may be cut up into strips of ½ in. to the full depth of the throat. Side tables are fitted to support sheets of long length.

CORNICE MAKERS'

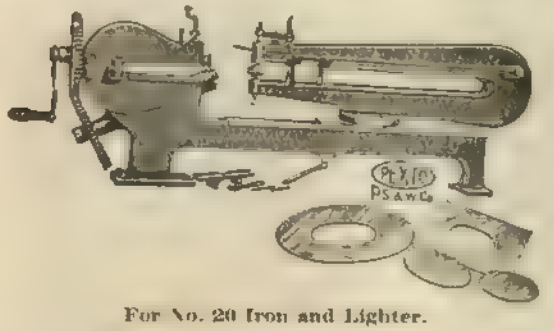
For No. 18 Iron and Lighter.

Nos.	190	191
Length Cutting Blade, Inches.	73	97
Length Front Arms, Inches.	22	22
Length Rear Gauge Arms, In.	25	25
Length Rear Gauge, Inches.	70	94
Narrowest Strip that can be Cut, Inches	¾	¾
Width Bed Plate, Inches.	18	18
Weight Each, Lbs.	2100	2900
Each	$	

These machines are fitted with arched automatic hold-down attachment, which makes visible a line drawn on the metal for cutting accurately, fitted with gauges for squaring and cutting at angles, and has an automatic back gauge and with balance foot treadles, insuring ease of operation

TINNERS' MACHINES

RING AND CIRCULAR SHEARS



For No. 20 Iron and Lighter.

Nos.	298	299
Diameter of Cutters, Inches	1⅝	1⅝
Diam. of Clamping Discs, In..	2¼	2¼
Depth Cutting Head to Gauge, Inches	9⅛	9⅛
Depth Cutting Head to Frame, Inches	10	10
Depth Circle Arm, Inches	16¼	20¼
W. Form Square Blanks, In	3¼ to 22	3¼ to 42½
Weight Each, Lbs	95	230
Each	$....	....

A very useful and efficient Bench Ring and Circular Shears intended for cutting circles or internal rings and irregular curves. In circular cutting the blanks are clamped between rubber covered discs by means of a quick acting, eccentric lever device adjustable for exerting extreme uniform pressure to prevent the work from slipping and insuring more accurate cutting. This method permits for the clamping and removing of blanks with greater rapidity than with old Crank Screw method. The bed on which the Tail Piece slides is graduated in inches and fractions of inches for quick setting of the Tail Piece for the size circle to be cut. **The angular position of Cutters allows for as clean cutting on the inside as on the outside of circle.**

WAUGH'S IMPROVED CIRCULAR SHEAR.

For No. 22 Iron and Lighter.

Each

No. 278—3⅛ in. Diameter Cutters, 2 in. Diameter Rubber Covered Clamping Discs, Depth of Cutting Head to Gauge 9¾ in., Depth of Cutting Head to Frame 10⅜ in., Depth of Circle Arm 16¼ in., Will Cut Circles from 2¾ to 22 in Squares, with Polished Graduated Scale. Weight Each 125 Lbs..... $ ...

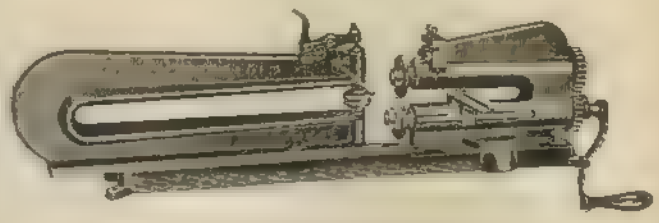
These Shears are widely known and have won an enviable reputation. They are most suitable for cutting outside circles, trimming or squaring tin plate, sheet iron, brass and copper.

A polished Graduated Scale is attached to the Bed for the purpose of securing quick and accurate adjustment of the Sliding Arm.

They are fitted with Quick-Acting Eccentric Lever, which clamps material between Discs with great rapidity, and releases the blank instantly.

Rubber covered Discs which prevents the possible slipping of blanks is an exclusive Pexto feature.

WAUGH'S CIRCULAR SHEARS



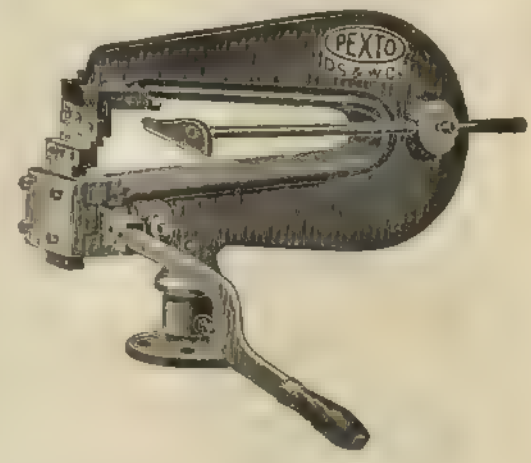
For No. 18 Iron and Lighter.

Each

No. 280—3½ in. Diameter Cutters, 2¾ in. Diameter Rubber Covered Clamping Discs, Depth of Cutting Head to Gauge 9¾ in., Depth of Cutting Head to Frame 10⅜ in., Depth of Circle Arm 22¼ in., Will Cut Circles from 3 to 31 in. Squares, with Graduated Scale, Weight Each 200 Lbs.. ..... $ ...

A distinctive Circular Shears of unusual quality, of great strength and correct design, fitted with Quick Acting Eccentric Lever to clamp material between discs with great rapidity and releases the blank instantly. A graduated scale is attached to the bed for the purpose of securing quick and accurate adjustment of the Sliding Arm. The clamping discs are rubber covered which prevents any possible slipping of the blanks insuring more accurate cutting.

IMPROVED SCROLL SHEARS



For No. 20 Iron and Lighter.

Nos.	268	269
Length Cutting Blades, Inches...	4	4¼
Depth Cutting Head to Gauge, In.	10¾	17
Depth Cutting Head to Frame, In.	12	18¼
Weight Each, Lbs.....	90	155
Each ..... $.....	.....	.....

These Shears will cut Circles, Ovals, Ogees and all irregular shapes with the greatest ease. They are well adapted for cutting from the center of a sheet.

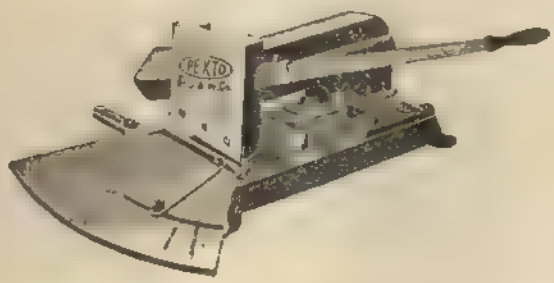
Mounted in a Standard which screws to the bench and adjustable to any angle required is another Pexto feature.

The length of cut is regulated by means of a Set Screw in frame back of lower Blade. To shorten cut, turn screw in; to lengthen cut, turn screw out.

Upper Blade can be adjusted for wear by means of the two Rear Adjusting Screws.

TINNERS' TOOLS

COMBINED BENCH AND SLITTING SHEARS



Stationary Lower Blade, Adjustable Upper Blade, Removable Front Table, with Gauge.

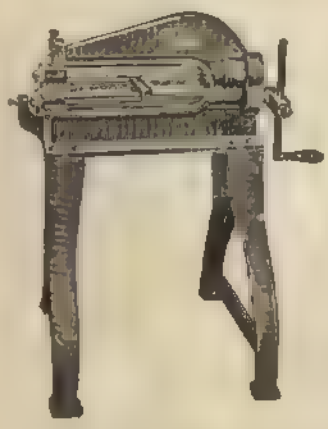
Each

No. 248—For No. 18 Iron and Lighter, 6½ in. Cutting Blade 9½ in. from Cutting Head to Gauge, 10 in. from Cutting Head to Frame, 12x15½ in. Table, Weight Each 165 Lbs. ....$.

No. 249—For No. 16 Iron and Lighter, 9 in. Cutting Blade, 15 in. from Cutting Head to Gauge, 16 in. from Cutting Head to Frame, 17x18 in. Table, Weight Each 490 Lbs. ..... .

Will do the work of ordinary Bench Shears, over which they have the following advantages: the length of cut is longer to the same movement of the hand, the same pressure will cut thicker stock, and cut with the same ease at all points of the cut.

SLITTING SHEARS



For No. 16 Iron and Lighter.

Hardened and Tempered Special High Grade Forged Tool Steel Cutters. Adjustable Crank. Mounted on Heavy Cast Iron Legs.

Each

No. 255—3½ in Diameter Cutters, Depth Cutting Head to Frame 19 in., Depth Cutting Head to Gauge 18 in., 20x8 in Table, Weight Each 325 Lbs. .....$.. .

The tool steel cutters have two cutting edges, making them reversible, have adjustable bearings to take up the wear of the cutters, permits of rapid and easy slitting of iron used in cornice, furnace, blowpipe, ventilation work, etc.

LEVER SHEARS

For No. 10 Iron and Lighter.

Will Cut Iron Bars ⅛ in. Square and ¼x½ in., Adjustable Lower Blade, Reinforced Upper Blade

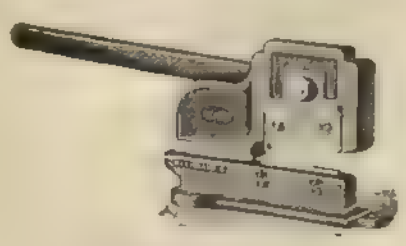
Each

No. 296—8 in. Cutting Blade, 22 in. Gauge Rod, Weight Each 130 Lbs. .....$.....

The blades are made of best material and are ground to a perfectly true cutting edge

The upper blade is fastened to a plate that is reinforced by the frame of machine, making same very rigid and overcoming any spring in cutting. Patterned to allow sheets to pass freely.

ECCENTRIC LEVER SLITTING SHEARS



Eccentric Lever.

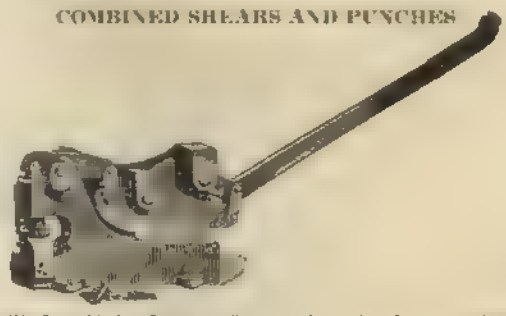
For Iron or Steel ⅛ in. and Lighter.

Each

No. 253—18 in. Long Over All Including Lever, 3½ in. Blade, 10½ in. Bed, 6½ in. High, Weight Each 17 Lbs. .... $ . .

So constructed as to cut sheet stock with the greatest of ease. Its eccentric cutting device requires very little effort to cut sheet metal up to the full rated capacity. A handy machine for the shop and light enough to be easily carried to the job to be done outside

COMBINED SHEARS AND PUNCHES



Will Cut ½ in. Iron and ⅛ and ¼ in. Narrow Bars.

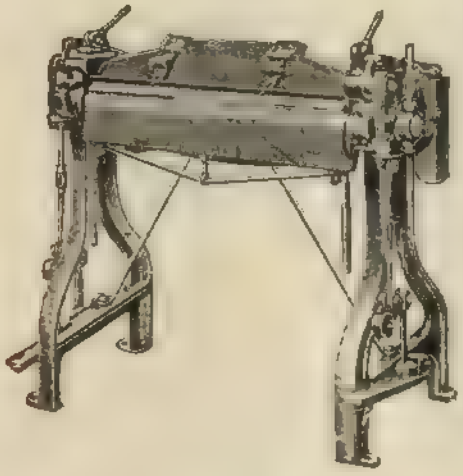
Each

No. 678—4½ in. Cut, with One Combination Die and Four Punches, One Each, ⅜, ⅛, ¼ and ½ in., Will Punch ⅜ in. Iron and Lighter Punching Cap 2⅝ in. Deep, Will Punch the Center of a Circle 5¼ in. in Diameter, Weight Each 100 Lbs. .....$.

No. 679—4¾ in. Cut, with One Combination Die and Five Punches, One Each, ⅛, ⅛, ¼, ⅛ and ⅜ in., Will Punch ⅛ in Iron and Lighter, Punching Cap 2⅝ in. Deep, Will Punch the Center of a Circle 5½ in. in Diameter, Weight Each 120 Lbs. ....

TINNERS' TOOLS

HARE'S PATENT FOUR LEAF CORNICE BRAKES

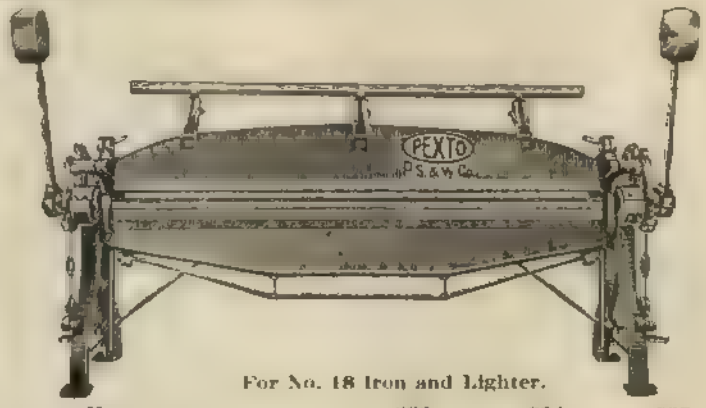


For No. 20 Iron and Lighter.

Nos.	681	682
Length, Inches	37½	42½
Clamping Jaws, Open, Inches	1	1
Weight Each, Lbs.	650	850
Each	$.....	.. .

Furnished complete with one forcing bar and seven formers for making circular and semi-circular bends, viz., 3, 2½, 2, 1¾, 1½, 1¼ and 1 in. No. 682 has one weight on bending leaf.

Work can be formed on these machines which cannot be formed on any other machine or combination of machines. They are being used extensively by tinsmiths, sheet metal workers and art brass workers.



For No. 18 Iron and Lighter.

Nos.	683	684	685
Length, Inches	52	74	98
Clamp Jaws, Open, In.	1	2	2
Ap. Weight Each, Lbs.	1070	2300	3650
Each	$	. .	.. ..

Furnished with one forcing bar and seven formers for making circular or semi-circular bends, viz., 3, 2½, 2, 1¾, 1½, 1¼ and 1 in.

Note—No. 683 has one Weight on Bending Leaf; Nos. 684 and 685 have two.

These brakes will form long sections easily and quickly and are well adapted for heating, ventilating and cornice work for forming gutters, valleys, etc.

The bending leaf is properly balanced by weights and is provided with a forcing bar for bending heavy iron.

The parts subject to wear or strain are protected and strengthened in the most substantial manner. The journals have roller bearings reducing the friction to a minimum. The stop bracket on right hand end of brake can be quickly and easily adjusted to bend any angle wanted

CORNICE BRAKES

For No. 18 Iron and Lighter.

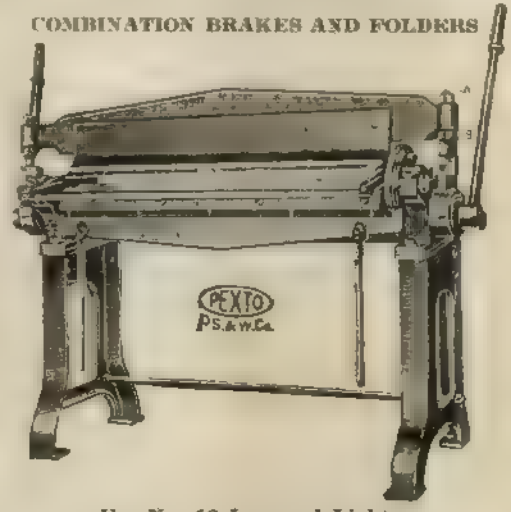
Nos.	1000	1001	1002	1003
Length, Inches	61	73	97	121
Weight Each, Lbs.	750	800	1000	100..
Each	$.....	.....	.....	....

For No. 14 Iron and Lighter.

Nos.	1009	1010	1011	1012
Length, Inches	36⅛	48⅛	97	121
Weight Each, Lbs.	650	800	2000	3000
Each	$.....	.....	.....	.....

These brakes are of pressed steel construction and owing to their light weight they are handy to move around for outdoor construction work

COMBINATION BRAKES AND FOLDERS



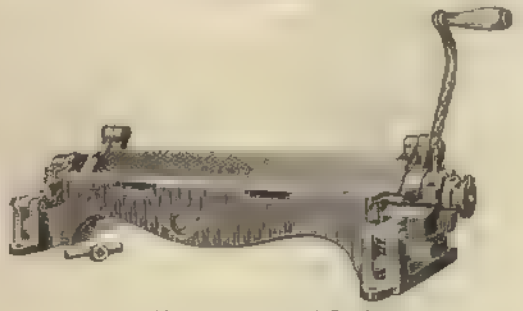
For No. 16 Iron and Lighter. Each

No. 93—42 in. Long, Clamping Jaws Open 1¾ in., Will Form Open or Closed Locks ⅛ to 1¾ in. in Width, ⅛ to 1¾ in. on No. 16 Iron, ⅛ to 3/16 in. on No. 18 Iron, ¼ in. on No. 20 Iron, ⅛ in. on No. 20 Iron and ⅛ in. on No 24 Iron, Weight Each 450 Lbs. .....$.....

Furnished with seven formers for making circular and semi-circular bends in cornice work, etc., viz., 3, 2½, 2, 1¾, 1½, 1¼ and 1 in. When machine is used for 16 gauge iron two men are required to operate the machine with greater ease

TINNERS' MACHINES

STOW'S PATENT IMPROVED ADJUSTABLE BAR FOLDERS



For No. 22 Iron and Lighter.

Nos.	62	63
Length, Inches	20¾	30
Will Form Closed and Open Locks, In.	⅛ to 1	⅛ to 1
Will Form Closed Locks to Receive Wire Up to, Inches	¾	¼
Weight Each, Lbs.	102	185
Each	$	

The gauge is adjustable and regulates the width of the fold by turning gauge wheel in front and center of machine; after gauge is set it is firmly held through lock screw with a wrench provided for the purpose.

WRIGHT'S IMPROVED SHEET IRON FOLDERS

For No. 22 Iron and Lighter.

Nos.	*1	*0	12A	14
Length, Inches	30	42	30	42
Will Form Lock, In.	¼, ⅜	¼, ⅜	¼, ⅜, ½, ⅝	¼, ⅜, ½, ⅝
Weight Each, Lbs.	85	135	90	140
Each	$			

*Note—Nos. 1 and 0 are not fitted with round steel rod attachment and are furnished without steel strips

These Folders will fold the edges of sheets formed in cylindrical shape. They will prove desirable machines for edging sheets while in the flat as well

SHEET IRON FOLDERS

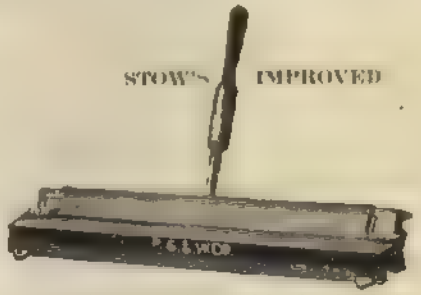
IRON BOTTOM

With Steel Blade.

Nos.	2B	3B
Length, Inches	30	41
For Iron Gauge, Nos.	22 & Lighter	24 & Lighter
Will Form Locks, Inches	⅛ to ⅝	⅛ to ⅝
Weight Each, Lbs.	105	100
Each	$	

No. 3B has handle in center of machine. The most inexpensive practical and durable sheet iron folder manufactured. Intended for common ordinary use

STOW'S IMPROVED



Iron Construction, with Steel Blade.

Nos.	10A	15
Length, Inches	30	42
For Iron Gauge, Nos.	22 & Lighter	24 & Lighter
Will Form Locks, Inches	⅛ to ½	⅛ to ½
Weight Each, Lbs.	85	107
Each	$	

These folders are fitted with machined steel bending blades and adjustable gauges.

FORMING MACHINES PLAIN PATTERN

Grooves cut in rolls are intended to allow work with a wire to be formed; wire should only be formed between the grooves cut for that purpose.

Cast Iron Gears.
For Stove and Tin Pipe.

Nos.	355	356	357	358
Length Rolls, Inches	37	42	30	30
Diam. Rolls, Inches	2	2	2	1¾
Weight Each, Lbs.	170	180	140	120
Each	$			

For Tin Pipe.

Nos.	359	360	361
Length of Rolls, Inches	20½	16	12
Diam. of Rolls, Inches	1½	1½	1
Weight Each, Lbs.	60	50	30
Each	$		

The rolls are made from special rolled hard steel, finely finished, free from indentations and imperfections.

Machine Cut Steel Compensating Gears
For Stove and Tin Pipe.

Nos.	372	373	374
Length of Rolls, Inches	37	31	31
Diameter Rolls, Inches	2	2	1¾
Weight Each, Lbs.	165	140	120
Each	$		

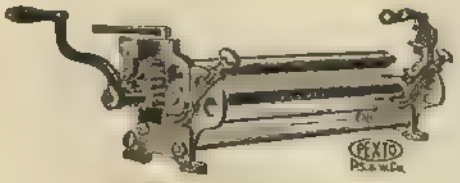
For Tin Pipe.

Nos.	375	376
Length of Rolls, Inches	15	20½
Diameter of Rolls, Inches	1½	1½
Weight Each, Lbs.	50	60
Each	$	

Machine cut steel compensating gears run more smoothly than cast iron cogs without danger of slipping or breaking with whatever thickness of metal is used.

TINNERS' MACHINES

FORMING MACHINES



SLIP ROLL PATTERN

Machine Cut Steel Cut Gears.
For Stove and Tin Pipe.

Nos.	0381	381	382	383
Length Rolls, Inches	42	37	31	31
Diam. Rolls, Inches	2	2	2	1¾
Weight Each, Lbs	200	180	165	140
Each	$			

For Tin Pipe.

Nos.	384	385
Length Rolls, Inches	20	16
Diameter Rolls, Inches	1½	1½
Weight Each, Lbs	80	65
Each	$	

The grooves cut in rolls intended to allow work with a wire to be formed; wire should only be formed between the grooves cut for that purpose.

These machines are easily adjusted by means of a quick acting lever on each end in rear of machine and can be set for forming any desired size of cylinder.

Heavy, Back Geared.

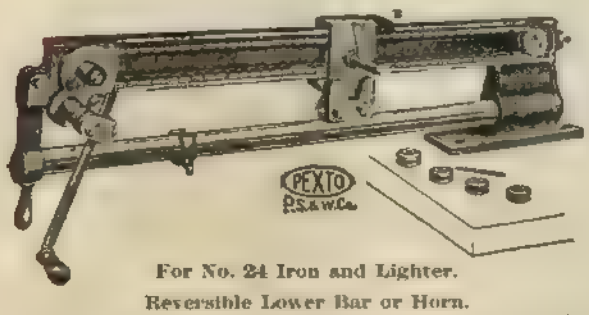
Nos.	390	400
Length Rolls, Inches	37	31
Diameter Rolls, Inches	2½	2½
Ratio of Gearing	3 to 1	2 to 1
Weight Each, Lbs	330	275
Each	$	

Note—Above machines can be fitted for power with tight pulley or tight and loose pulleys and furnished with iron floor legs when specified.

Substantially constructed with finely finished rolls made from special rolled hard steel. These machines are easily adjusted by means of quick acting levers on each end in rear of machine and can be set for forming any desired size of cylinder.

GROOVING MACHINES

IMPROVED AUTOMATIC RAPID



For No. 24 Iron and Lighter.
Reversible Lower Bar or Horn.

Each

No. 518—Will Groove Work 30 in. Long, with Five Grooving Rolls, One Each, 1/16, 1/8 and 1/4 in., and Two 1/8 in. and One Flattening Roll Weight Each 200 Lbs. . . . . $.

The traveling carriage has two rolls, one for grooving and one for flattening the seam at the same operation.

IMPROVED

For No. 22 Iron and Lighter.
Reversible Lower Bar or Horn.

Each

No. 504—Will Groove Work 22½ in. Long, Diameter of Smallest Pipe that can be Grooved 2 in., with Three Grooving Rolls, One Each, 1/16, 1/8 and 1/4 in., and One Flattening Roll, Weight Each 133 Lbs. . . . . $.

No. 505—Will Groove Work 32 in. Long, Diameter of Smallest Pipe that can be Grooved 2 in., with Three Grooving Rolls, One Each, 1/8, 1/4 and 3/8 in. and One Flattening Roll, Weight Each 153 Lbs. . . . . .

An adjustable stop collar fitted on lower horn prevents work slipping while being grooved

GRANNIS PATENT

For No. 20 Iron and Lighter.
Reversible Grooving Horn.

Each

No. 514—Grooving Horn 41¾ in. Long, Will Groove Work 37 in. Long, Diameter of Smallest Pipe that Can be Grooved 2⅝ in., Ratio of Gearing 2 to 1, with Three Grooving Rolls, One Each 1/16, 3/16 and 1/8 in and One Flattening Roll, Weight Each 285 Lbs. . . . . $ . . . . .

An adjustable stop is provided on bar to prevent work from slipping while being grooved

STOW'S PATENT BRASS MOUNTED

For No. 24 Iron and Lighter.

Each

No. 502—Will Groove Work 20 in. Long, Size of Grooving Horn, Large End 3 in., Small End 1⅜ in., with Three Grooving Rolls, One Each, 1/8, 1/4 and 1/2 in., Weight Each 102 Lbs. . . . $ . . .

Constructed with steel bar and milled horn, will be found serviceable for grooving the seams on tin cans, pails, boilers, etc.

TINNERS' MACHINES

BEADING

For No. 20 Iron and Lighter.

Each

No. 617—Depth of Throat to Frame 13 in., to Gauge 12 in., Distance Between Shaft Centers 2⅝ in., with Three Pairs of Rolls, 2¾ in. Diameter, 1⅞ in. Wide, Ratio of Gearing 3½ to 1, Size of Beads, ⅜ in. Single, 1 in. Ogee, 1 in. Triple, with Wedge Bench Standard, Wt Each 140 Lbs.....$ . .

No. 619—Depth of Throat to Frame 7½ in., to Gauge 6¾ in., Distance Between Shaft Centers 2¼ in., with Three Pairs of Rolls, 2½ in Diameter, 1⅝ in. Wide, Ratio of Gearing 2½ to 1, Size of Beads, ⅛ in. Single, ⅞ in. Ogee, ⅞ in. Triple, with Wedge Bench Standard, Wt. Each 85 Lbs..... . . .

RAPID CRIMPING AND BEADING MACHINES

The construction throughout of this machine is exceedingly strong and rigid, and permits of easy and rapid adjustment.

Actual tests have demonstrated that for crimping or beading stove pipe, elbows, furnace pipe, etc., this type of machine is vastly superior to any other built for the purpose.

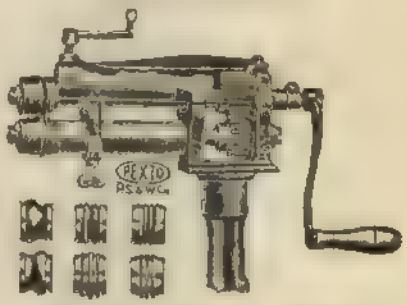
The depression of rolls is accomplished by a foot treadle The contact of the upper beading roll is adjusted by a lever, and this lever also gives an independdent adjustment for raising upper beading roll, taking same out of contact with lower roll, in case crimping only is desired. The adjustment of this lever is effected by means of an eccentric device, and is instantaneous in action. This greatly increases the simplicity of this machine, as crimping alone can be done without substituting blank collars for beading rolls. The crank is adjustable for light or heavy work.

For No. 24 Iron and Lighter.

Each

No. 602—With Standard, Weight Each About 38 Lbs . . . . . $ . . .

STOW'S BEADING



For No. 26 Iron and Lighter.

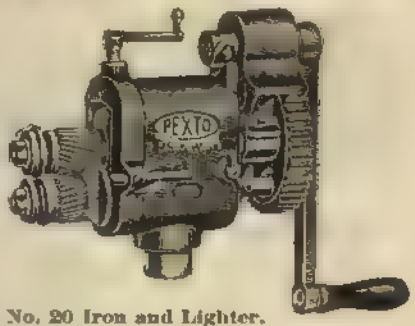
Each

No. 620—Depth of Throat to Frame 6¼ in., to Gauge 5½ in , Distance Between Shaft Centers 1⅞ in., with Four Pairs of Rolls, 1⅛ in. Diameter, 1⅞ in. Wide, Size of Beads, ⅜ in. Ogee, ⅝ in. Triple, ½ in. Coffee Pot, ⅛ in Single, with Standard, Weight Each 50 Lbs..... . $ . . .

No. 621—Depth of Throat to Frame 4¾ in., to Gauge 4 in., Distance Between Shaft Centers 1⅛ in , with Five Pairs of Rolls, 1½ in. Diameter, 1 in. Wide, Size of Beads ⅛ in. Ogee, ⅜ in. Triple Coffee Pot, ⅛ in. Double, ⅛ in Astragal and ⅛ in. Single, with Standard, Weight Each 40 Lbs.....$ . .

COMBINED STOVE PIPE CRIMPER AND BEADER

Cut Shows Crimp and Bead as Made on Crimper and Beader No. 585.



For No. 20 Iron and Lighter.

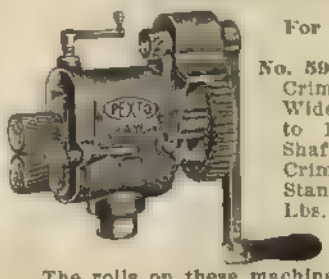
Each

No. 585—1⅛ in. Diameter Bead Rolls, 1 in. Wide, 1⅛ in. Diameter Crimping Rolls, 1⅝ in. Wide, ⅛ in. Ogee Bead, Ratio of Gearings 3 to 1, 1⅝ in. Between Shaft Centers, Spiral Crimping Rolls, with Standard, and One Pair Blank Collars to Substitute for Beading Rolls when Crimping Alone is Desired, Wt. Each 65 Lbs..$. .

No. 586—With Straight Crimping Rolls, Otherwise Same as No. 585..... .....

These machines are adjustable for two speeds. Geared for heavy work and may be run direct on light iron.

CORNICE MAKERS' CRIMPER



For No. 20 Iron and Lighter.

Per Dozen

No. 591—1⅛ in. Diameter Crimping Rolls, 1⅝ in. Wide, Ratio of Gearing 3 to 1, 1⅝ in. Between Shaft Centers, Spiral Crimping Rolls, with Standard, Weight Each 63 Lbs. . . . . $ . . .

The rolls on these machines are attached to arbor in a manner that leaves the ends or faces of the rolls flush for crimping close up to a bend or angle

TINNERS' MACHINES

COLUMBIAN WIRING

For No. 22 Iron and Lighter.

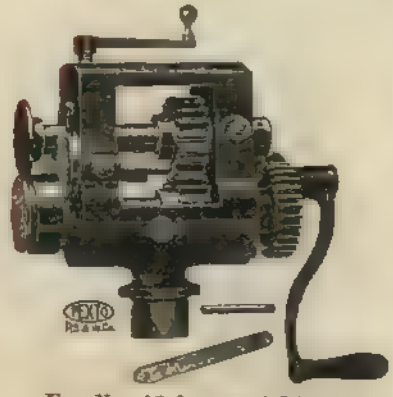
3 in. Diameter Rolls, Will Receive Wire up to $\frac{1}{8}$ in. Diameter.

Each

No. 525—With Standard. Wt Each 31 Lbs.....$.....

For working metal around wire after the seat has been prepared with the turning machine

HEAVY TURNING AND WIRING



For No. 18 Iron and Lighter.

3½ in. Diameter Rolls. Ratio of Gearing 2 to 1, for $\frac{1}{8}$ to $\frac{1}{4}$ in. Wire, with Extra Set of Rolls.

Each

No. 547—Hand Turning, with Standard, Weight Each 115 Lbs. .....$.....

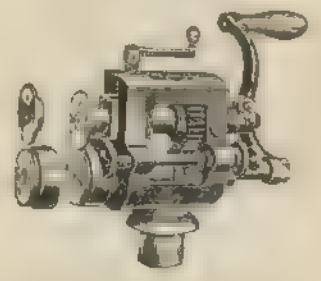
No. 548—Hand Wiring, with Standard Weight Each 115 Lbs. .....

No. 547½—Power Turning, 12x2½ in. Tight Pulley, Speed 60 R. P. M., with Standard, Weight Each 155 Lbs. .....

No. 548½ — Power Wiring, 12x2½ in. Tight Pulley, Speed 60 R. P. M., with Standard, Weight Each 155 Lbs. .....

These machines are made from heavy patterns and with the proper rolls and gauges they are suited for a variety of operations. Machine cut steel connecting gears are used and the driving gears are cut from solid cast iron. Frames are extra heavy and the machine throughout is proportioned for giving the very best satisfaction up to the full rated capacity

COLUMBIAN TURNING



For No. 22 Iron and Lighter. Small.

2½ in. Diameter Rolls, for $\frac{3}{32}$ in. to $\frac{1}{8}$ in. Wire, with Extra Upper and Lower Roll.

Each

No. 541—With Standard, Wt. Each 25 Lbs.....$.....

Large.

3 in. Diameter Rolls, for $\frac{1}{8}$ to $\frac{3}{16}$ in. Wire, with Extra Upper and Lower Roll.

Each

No. 542—With Standard. Wt. Each 31 Lbs.....$.....

For preparing a seat in vessels, etc., to receive a wire

COLUMBIAN SETTING DOWN

For No. 24 Iron and Lighter.

For Seams up to $\frac{1}{8}$ in

Each

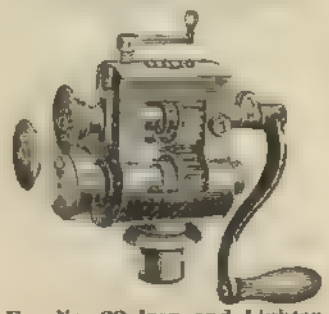
No. 555—With Standard, Wt Each 21 Lbs..... .$. . .

For Seams up to $\frac{1}{4}$ in

No. 556—With Standard, Wt. Each 23 Lbs.....

For setting down seams in tinware, etc., preparatory to double seaming

COLUMBIAN BURRING



For No. 22 Iron and Lighter. Small.

1½ in. Diameter Rolls, $\frac{1}{4}$ in. Widest Burr that can be Turned with Extra Upper Roll. Each

No. 576—With Standard, Wt. Each 21 Lbs. .$. .

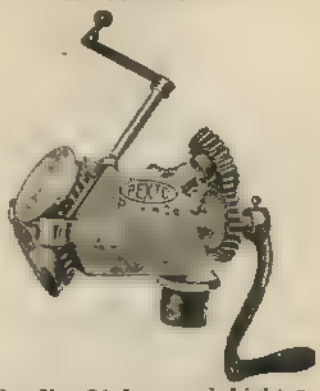
Large.

2½ in. Diameter Rolls, ¼ in. Widest Burr that can be Turned, with Extra Upper Roll. Each

No. 577—With Standard, Wt Each 25 Lbs.....$

For burring or flanging bottoms and bodies of vessels, etc

SETTING DOWN



For No. 24 Iron and Lighter.

For Seams up to $\frac{3}{8}$ in. Each

No. 561—With Standard, Wt Each 50 Lbs.....$.....

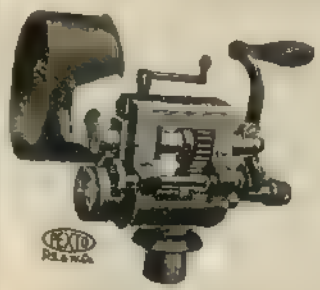
For No. 18 Iron and Lighter.

For Seams up to ½ in

No. 562—With Standard, Wt. Each 100 Lbs.....$.....

With inclined faces. For setting seams preparatory to double seaming and for closing seams in other work

COLUMBIAN ELBOW EDGING MACHINE



Cut Shows the Position of an Elbow in Turning the edge.

For No. 24 Iron and Lighter. 2½ in. Diameter Rolls.

Each

No. 551—With Standard and One Set of Elbow Edging Rolls, Weight Each 25 Lbs.. .$.. ..

Special Elbow Edging Rolls Quoted on Application.

The faces on these machines make a sharp crease, and are preferred to the ordinary round-edged turning faces

Faces can be used with and readily adapted to either Columbian or Encased Small Turning Machine.

In using this machine, one-third of the time spent in putting elbows together can be saved by the operator.

TINNERS' MACHINES

MACHINE STANDARDS

No. 975.

No. 976.

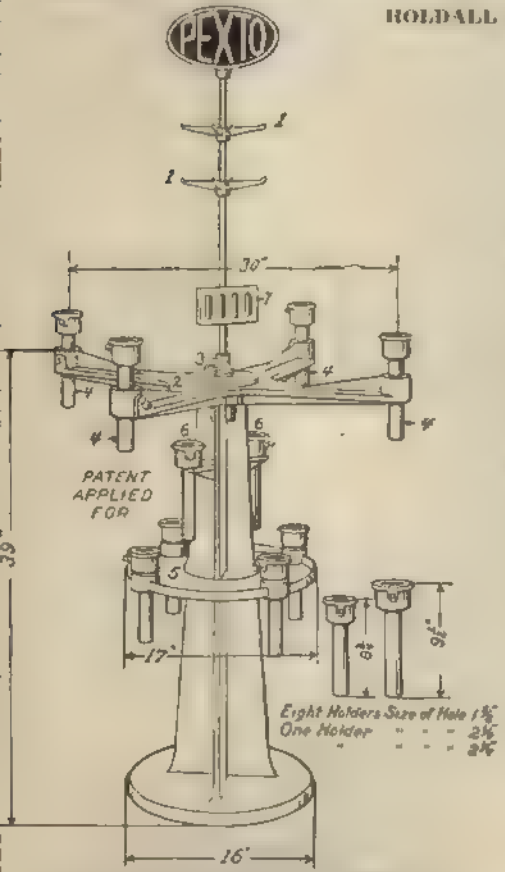
	Each
No. 975—Regular Offset, 1⅝ in Hole, 9¾ in. High Over All from Bench, Weight Each 10⅛ Lbs.	$.....
No. 976—Wiring Offset, 1⅝ in Hole 9¾ in High Over All from Bench Weight Each 11 Lbs	

The above Standards are packed with Columbian Bench Machines.

	Each
No. 977—Extra Heavy, 2¼ in. Hole, 10⅛ in. High Over All from Bench, Weight Each 23 Lbs.	$.....
No. 978—Extra Heavy, 2½ in Hole, 9⅞ in. High Over All from Bench, Weight Each 24 Lbs.	.....

No. 977 Standard is regularly furnished with No. 562 Setting Down Machines and Heavy Wiring, Turning Elbow Edging and Burring Machines No 978 is intended for Nos 617 and 619 Burring Machines

HOLDALL REVOLVING MACHINE STANDARD



Cut Shows Standard, with Features Numbered.

FEATURES

No. 1—A place for everything and everything in its place

No. 2—A revolving turret holding machines. Four operations can be completed without changing positions.

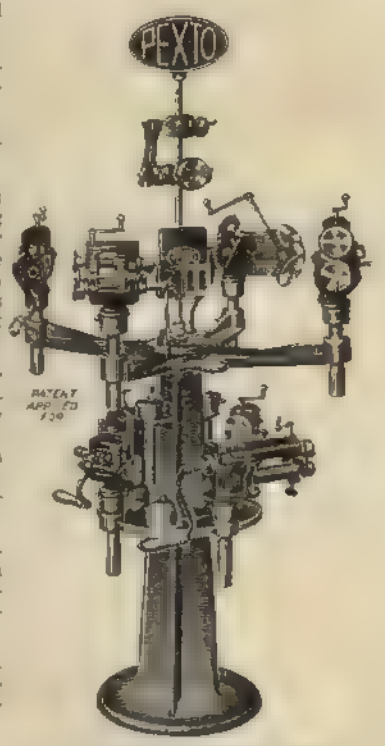
No. 3—Hand lever for holding revolving turret in a fixed stationary position

No. 4—Adjustable machine holders that raise, lower and swivel for suiting operating convenience of machines for the short and tall operator as well as the work in process. Working away from standard with approximately 40 inches more or less from the floor to working edge of rolls of machines.

No. 5—Lower stationary turret for holding four additional machines arranged for quickly interchanging with any machine set in upper revolving turret This lower turret also provides for a handy shelf holding oil cans, tools, etc. which are used in connection with equipment mounted

No. 6—Two additional reserve machine posts out of the way supported on brackets to hold any large bench machine that will not fit into holders provided for the smaller machines.

No. 7—A handy rack for holding Pexto Catalog—A book that every worker in tin and sheet metal should have near him for quick reference



Cut Shows Machines Mounted on Standard.

	Each
No. 969—Holdall Revolving Machine Standard, with Ten Posts, Eight with 1⅝ in Hole, One with 2½ in Hole and One with 2¾ in. Hole, without Machines, Weight Each 268 Lbs.	$.....

By using this modern method of Bench Machine operation you receive the direct benefit of all features described above in a Revolving Standard that will receive eight of any bench machines that now fit in the old fashioned bench machine standard This modern Standard with eight machines utilizing a floor space of only 30 inches in diameter

TINNERS' MACHINES

BEAK HORN STAKES

Wrought Iron, Steel Face.

Nos.	901	902	904
Length Round End, Inches	16½	16½	14
Length Flat End, Inches	21½	20	19
Width Flat End Tapers, Inches	2½x1⅞	2⅛x1¾	2x1½
Diam. Rd. End, Small Pt., In.	⅜	⅜	⅝
Diam. Rd. End, Large Pt., In.	2½	2¼	2
Weight Each, Lbs.	46	37	27
Each	$....	....	....

COMMON BLOW HORN

Wrought Iron, Steel Face.

No.	923
Length Large End, Inches	9
Length Small End, Inches	18
Diam. Small End at Wide Point, Inches	1½
Diam. Small End at Narrow Point, Inches	⅜
Diam. Large End at Wide Point, Inches	4¾
Diam. Large End at Narrow Point, Inches	½
Weight Each, Lbs.	14
Each	$.....

COMMON CREASING

Wrought Iron, Steel Face.

	Each
No. 928—15 In. Long. Size of Grooves for Wire Nos. 1, 3, 4, 6, 7, 9. Weight Each 11½ Lbs.	$....

CREASING, WITH HORN

Wrought Iron, Steel Face.

	Each
No. 927 Round End 12 in. Long, Flat End 6⅝ in. Long. Size of Grooves for Wire Nos. 2, 3, 5, 7, 8, 9. Weight Each 12 Lbs.	$....

CANDLE MOULD

Wrought Iron, Steel Face.

	Each
No. 956—Length of Large End 18½ in. Length of Small End 9½ in., Diameter of Large End ⅞ in. at Wide Point, ½ in. at Narrow Point, Diameter of Small End 1¼ in. at Wide Point, ½ in. at Narrow Point, Weight Each 7½ Lbs.	$....

DOUBLE SEAMING

Wrought Iron, Steel Face.

Nos.	921	922
Large End, Inches	17	11
Shall End, Inches	12	11
Diam. End, Inches	1¾	1¾
Weight Each, Lbs.	37	30
Each	$ ...	....

CONDUCTOR

Cast Iron, Polished Face.

Nos.	971	972
Lgth. Large End, In.	15	14
Lgth. Small End, In.	11½	10½
Dia. Large End, In.	2⅛	1⅞
Dia. Small End, In.	1⅝	1⅛
Weight Each, Lbs.	28	17
Each	$...	.

NEEDLE CASE

Wrought Iron, Steel Face.

	Each
No. 957—Round End 10½ in. Long, Flat End 8 in. Long, 1 in. Wide. Diameter of Round End ⅞ in. at Smallest Point, ⅞ in. at Largest Point, Weight Each 4 Lbs.	$....

HATCHET

Wrought Iron, Steel Face.

Nos.	941	942	943	944	945	946
Length of Blade, Inches	16	14½	13	11	9	7
Width of Blade at Center, Inches	2½	2⅜	2⅛	2⅛	1½	1⅜
Width of Blade at Ends, Inches	1⅝	1½	1¼	1⅜	1	1
Weight Each, Lbs.	14	11	8½	6½	4	3
Each	$....	....	....	....	....	....

BEVEL EDGE SQUARE

Wrought Iron, Steel Face.

Nos.	931	932
Size Face, Inches.	3x5	2½x4½
Weight Each, Lbs.	16	14
Each	$....	....

TINNERS' TOOLS

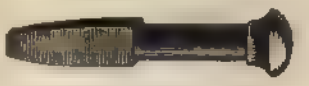
STAKES

SQUARE

Wrought Iron, Steel Face.

Nos.	936	938	939
Size of Face, Inches	2⅝x4½	3½x5	1⅝x2½
Weight Each, Lbs.	11	14	3
Each	$....	....	....

ROUND HEAD



Cast Iron, Polished Face.

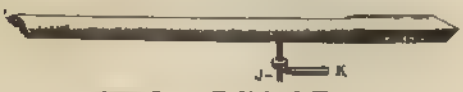
No.	965
Length Over All, Inches	12½
Diameter of Head, Inches	3
Weight Each, Lbs.	9½
Each	$....

DOUBLE SEAMING

Cast Iron, Polished Faces.

	Each
No. 949 (49)—With 4 Heads, One Each, Round, Square, Oblong and Oval, Weight Each Complete 110 Lbs.	$....

HOLLOW MANDREL



Cast Iron, Polished Face.

Nos.	910	911
Length Over All, Inches	40	60
Length Flat Part, Inches	9	12
Width Flat Part, Inches	6	7
Length Oval Part, Inches	31	48
Size Radius of Circle, Inches	2	2½
Weight Each, Lbs.	60	108
Each	$.	....

COPPERSMITHS' SQUARE

Wrought Iron, Steel Face.

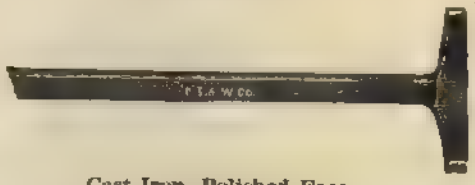
No.	935
Size of Face, Inches	2⅝x4½
Weight Each, Lbs.	11
Each	$....

BOTTOM

Wrought Iron, Steel Face.

Nos.	951	952	953	954
Length, Inches	13⅛	13⅛	13⅛	13½
Width Top, Inches	1⅝	1⅛	1⅛	1
Weight Each, Lbs.	3	2¾	2	1¾
Each	$....	....	....	....

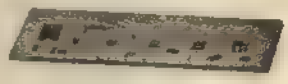
SOLID MANDREL



Cast Iron, Polished Faces.

Nos.	960	960½	961	962	963
Length Stand, Inches.	61	40	34½	30	27½
Diameter, Inches.	3⅝	3	2⅝	2⅛	2¼
Weight Each, Lbs.	128	86	56	43	30
Each	$.. .	....	....	....	....

BENCH PLATES



Cast Iron, Smooth Surface.

Nos.	980	981	982
Width, Inches	12	8	8
Length, Inches	48	37½	30
Weight Each, Lbs.	85	46	31
Each	$....	....	....

WOOD ROOFING FOLDERS

COMMON

Nos.	3C	13C	23C	33C
Length, Inches	14	20	28	30
Will Form Locks	⅛	⅛	⅛	⅛
Weight Each, Lbs.	8	9	11	14
Each	$....	....	....	....

IMPROVED

With Adjustable Gauge.

Nos.	113Imp.	123Imp.	223Imp.
Length, Inches	20	30	30
Form Locks, Inches	⅛—⅝	⅛—⅝	⅛—⅜
Weight Each, Lbs.	10	17	17
Each	$....	....	....

Note—No. 223Imp. is a Special Folder Adjustable for 20 or 30 in. Sheets.

These Wood Roofing Folders are constructed with well seasoned wood with blades fitted of high grade special steel accurately machined and finely finished.

TINNERS' TOOLS

REGULAR ROOFING TONGS

Nos.	770½	770¾	771	771¼
Length Handle, Inches	21	21	21	21
Length Blades, Inches	18½	18½	18½	18½
Width Blade, Inches	1½	1½	1½	1¾
Will Turn Lock, Inches	½	¾	1	1¼
Weight Each, Lbs	8	8	8	9
Each	$....	....	....	..
Nos.		771½	771¾	772
Length Handle, Inches		21	21	21
Length Blades, Inches		18½	18½	18½
Width Blade, Inches		2	2¼	2½
Will Turn Lock, Inches		1½	1¾	2
Weight Each, Lbs		9½	10	10½
Each		$....	....	....

STOW'S IMPROVED ADJUSTABLE ROOFING TONGS

Each

No. 773—Length of Handles 21 in., Length of Blades 18½ in., Width of Blades 2 in., Will Turn ½, ¾, 1, 1¼ and 1½ in. Locks, Weight Each 9½ Lbs.. .....$....

REESE'S IMPROVED ROOFING TONGS

Each

No. 775—Length of Handles 24½ in., Depth of Jaws 11 in., Length of Blade 13½ in., Width of Blade 1½ in., Will Turn Edges ½ to 12½ in., Weight Each 11½ Lbs.....$....

Adapted to edging and bending on all kinds of ordinary sheet metal. They are simple in construction, strong, light and durable and can be used on No. 22 gauge material.

GUTTER TONGS

Each

No. 777—Length of Handles 24½ in., Length of Blades 12½ in., Width of Blades 1¾ in., Depth of Jaws 14 in., Weight Each 10 Lbs . ... $.. ..
For turning up Gutter, Square Pans, etc.

SQUEEZING TONGS

Each

No. 766—24 in. Pipe Handles, with Cast Grips, Length of Jaws 11½ in., Depth of Jaws ⅞ in., Weight Each 17 Lbs.....$.....

Used for compressing seams of roll cap and pressed standing seam roofing.

BURRITT'S DOUBLE ROOFING SEAMERS

For IC Tin Roofing.

Per Set of Two

No. 742—Common Gauge, Length Over All 30 in., Length of Jaws 14¾ in., Wrought Iron Pipe Handles, Weight Per Set of Two 40 Lbs.. .$....

No. 742½—Wide Gauge, Length Over All 30 in., Length of Jaws 14¾ in., Wrought Iron Pipe Handles, Weight Per Set of Two 40 Lbs..... .....

Note—Common Gauge to follow 1 and 1¼ in. tongs, finishing a lock ¾ in. high. Wide Gauge to follow 1¼ and 1½ in. tongs, finishing a lock 1 in. high

For Iron Roofing 28 Gauge or Lighter, for Single or Double Seam.

Per Set of Two

No. 0742—Wide Gauge, Length Over All 30 in., Length of Jaws 14¾ in., Wrought Iron Pipe Handles, Weight Per Set of Two 40 Lbs.. ...$.. .

in Wide Gauge only, and follow 1½ and 1¾ in Tongs.

Note—Iron Roofing Double Seamers No. 0742 are made finishing a double seam 1 in. high.

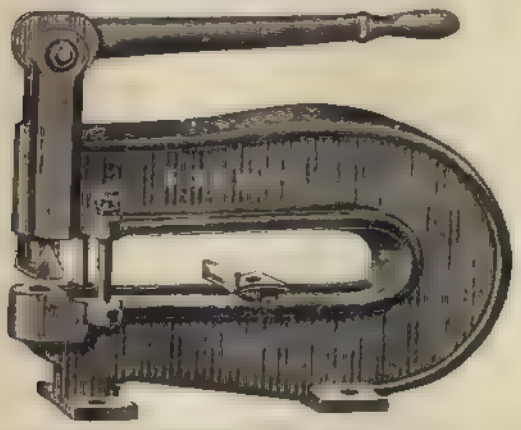
Burritt's Double Seamers will do the work more evenly than by any other process. They do not crimp the metal, leaving the locks of uniform height.

ROOFING DOUBLE SEAMERS

Nos.	743	744
Size, Inches	½x¾	¾x1
To Match Roofing Tongs, In.	¾x1	1x1¼
Weight Per Set, Lbs	14	16
Per Set of Two Pairs	$....	....
Nos.	745	746
Size, Inches	1x1¼	1¼x1½
To Match Roofing Tongs, In.	1¼x1½	1½x1¾
Weight Per Set, Lbs	19	22
Per Set of Two Pairs	$..	....

TINNERS' TOOLS

IMPROVED SAMSON PUNCHES



Bolt Fastened, Wrought Iron Links, with Adjustable Gauge.

	Each
No. 675—With Three Dies and Punches, viz., ⅛, ¼ and ⅜ in., Depth of Throat to Frame 15 in., to Gauge 14½ in., Will Punch No. 9 Iron with Stay Bolts and No. 12 Iron without Stay Bolts, Will Center on 7 in. Sheets with Stay Bolts and 30 in. Sheets without Stay Bolts, Weight Each 140 Lbs.	$ . .
No. 676—With Three Sets of Dies and Punches, viz., ¼, ⅜ and ½ in., Depth of Throat to Frame 15 in., to Gauge 14½ in., Will Punch ¼, ⅜ and ½ in. Hole in ½ in. Iron with Stay Bolts and ⅛ in Hole in ¼ in. Iron and ⅜ and ½ in. Holes in ⅜ in. Iron without Stay Bolts, Will Center on 7 in. Sheets with Stay Bolts and 30 in. Sheets without Stay Bolts, Weight Each 250 Lbs. .	.

SPECIAL PUNCHES FOR No. 676 PUNCHES

With Stay Bolt.	Each
½ in. for ¼ in. Iron	$.
¾ in. for ⅜ in. Iron	.
1 in. for ½ in. Iron	.
1¼ in. for ⅝ in. Iron	.

Without Stay Bolt.	Each
½ in. for ⅜ in. Iron	$.
¾ in. for ½ in. Iron	.
1 in. for No. 16 Gauge Iron	.
1¼ in. for No. 16 Gauge Iron	.

IMPROVED SAMSON PUNCHES

With Adjustable Gauge.

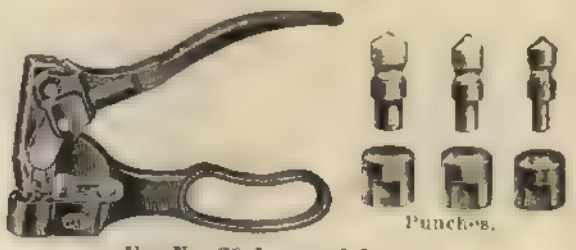
	Each
No. 677 With Three Dies and Punches, viz., ¼, ⅜ and ½ in. Depth of Throat to Frame 6 in., to Gauge 5½ in., Will Punch ¼, ⅜ and ½ in. Holes in ½ in. Iron, Will Center on 12 in. Sheets, Wt Each 220 Lbs.	$ . .

Constructed to meet a wide field of usefulness and will prove an all around punch for heavy work.

SPECIAL PUNCHES FOR No. 677 PUNCHES

	Each
½ in. for ¼ in. Iron	$.
¾ in. for ⅜ in. Iron	.
1 in. for ½ in. Iron	.
1¼ in. for ⅝ in. Iron	.

HAND PUNCHES



Punches.

For No. 20 Iron and Lighter.

With Adjustable Gauge.

	Each
No. 790—7½ in. Long, 4 in. High, Depth of Throat 1 in., with Three Sets of Dies and Punches, viz., ⅛, ¼ and ⅜ in., Will Center on 2 in. Sheets Weight Each 2½ Lbs.	$ . . . .

The toggle movement as used on this punch is powerful and works with rapidity, yet so small it may be carried in the pocket and will prove a very useful tool for outside work.

HANDY SEAMERS

Adjustable.

	Each
No. 791—7½ in. Long Over All, Size of Blades 3½ in., Width of Blades ⅞ in., Adjustable for Seams from ⅛ to ⅞ in., Weight Each 1 Lb.	$ . . . .

This Pocket Seamer is very useful where a large one would not be practical. Adjustable for seams of different widths. Is as light and can be carried in tool kit or pocket.

SQUARE PIPE CRIMPERS

	Each
No. 787 11 in. Long Over All, Weight Each 2 Lbs.	$

Assembling square pipe joints with these crimpers is a quick and easy operation, producing tight fitting joints and improving the quality and appearance of the work.

EAVES TROUGH END CLOSING FORMS

The Tool.

The Work.

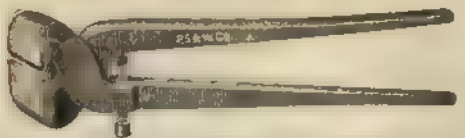
Nos.	3½	4	4½	5	5½
Inches	3½	4	4½	5	5½
Each	$	. . . .	. . . .	. . . .	. . . .

With the use of these forms, the ends of the eaves trough can be closed much neater and quicker than with any other method. The form is placed in gutter and the iron worked into grooves with a hammer, producing a corrugated closed end. Frost will not burst the end out.

TINNERS' TOOLS

END CUTTING NIPPERS

PEXTO IMPROVED



Best Cast Steel Jaws, Hardened and Tempered, Oil Finished Head and Handles, Polished Cutting Jaws, Steel Set Screws.

Nos.	0	1	2	3	4	5
Length, Inches	14	12	11	10	8	7
Width Cut'g Jaw, In	2	1 ¼	1 ⅛	1 ¼	1 ⅛	1 ⅛
Wt. Per Dozen, Lbs.	41 ½	27 ¼	20 ½	16 ¾	9 ¾	8 ¼
Each	$.	.	.	.	.	.

CARLOS

Forged Steel Throughout, Removable Best Tool Steel Jaws, Oil Finished Handles.

Nos.	80	100	120	140
Length, Inches	8	10	12	14
Weight Each, Lbs.	1	1 ½	2	2 ¾
Each	$.	.	.	.

RIVET SETS AND HEADERS

Nos. 00 0 1 2 3 4 5 6 7 8

No. 46—Special Forged Steel, Gun Metal Finish.

Size, Nos.	00	0	1	2	3	4	5	6	7	8
Size of Hole, Inches	⅛	⅛	11	.213	.191	.166	.1495	.1405	.1285	.11
Length, Inches	5 ½	5 ½	5	5	4 ½	4 ½	4 ¼	4 ¼	4 ¼	4 ¼
For Iron Rivets, Lbs.	14	10–12	7–8	6	4 5	2 ½ 3	1 ¾ –2	1 ½	1 1 ¼	⅝ – ¾
For Copper Rivets, Nos.	..	5	6	7	8	9	10	12	13	14
Weight Per Dozen, Lbs.	10 ½	10 ½	7	7	5	5	3 ½	3 ½	3	3
Each	$.	.	.	.	.	.	.	.	.	.

SOLID PUNCHES

Prick Punches. Solid Punches. Wire Chisel Lantern Chisel.

Nos. 0 1 2 3 4 5 6 7 8 9 10

Cut Shows Exact Size of Face.

Forged Steel, Octagon.

Nos.	Prick	00	0	1	2	3	4
Length, Inches	4 ½	5	5	4 ¾	4 ¾	4 ½	4 ¼
Diameter Face, Inches	..	.335	.305	.28	.25	225	.21
For Rivets, Lbs.	..	..	16	14	12	9 10	7–8
Each	$.	.		.	.	.	.

Nos.	5	6	7	8	9	10
Length, Inches	4 ¼	4 ¼	4 ¼	4 ½	4 ½	4 ¼
Diameter Face, Inches	188	165	145	.128	114	093
For Rivets, Lbs.	4 5 6	3 . ½	2 2 ½	1 ¼	1 ½ – 1 ¾	¾ ⅞ – 1	1 ½ – 5 ½
Each	$.	.	.	.	.	.	.

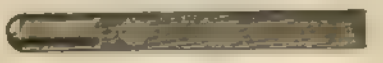
One Dozen in a Carton

IN SETS

Per Set

No. 5 Set—Consists of One Each Nos. 0, 4 and 8 Punch, One Prick Punch, One ¾ in. Wire Chisel and One ½ x ⅝ in. Lantern Chisel. . . . . $.

LANTERN CHISELS



Cast Steel.

Size, Inches	⅛ x ⅝ ⅛	1 x ⅝ ¾
Each	$	. . . .

WIRE CHISELS

Cast Steel.

Size Blade, Inches	¼	⅜	½	⅝	¾	⅞	1
Each	$ . . .	. . .	. . .	. . .	. . .	. . .	. . .
Size Blade, Inches		1 ¼	1 ¼	1 ⅜	1 ½	1 ¾	2
Each		$ . . .	. . .	. . .	. . .	. . .	. . .

TINNERS' TOOLS

HOLLOW PUNCHES

Forged Steel.

Forged Steel, with Wrought Shank.

All Sizes, ⅝ in. to 1½ in. Inclusive, are Forged Steel Throughout; Larger than 1½ in. have Forged Steel Blade and Wrought Shank.

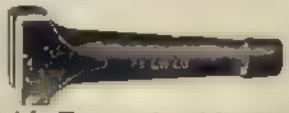
Black Finish, Polished Edge, Tempered and Sharpened.

No. 48—For Cutting Sheet Metal, Straw Board, Paper, Etc.

Size Hole, Inches	⅝	¾	⅞	1	1⅛	1¼	1⅜	1½
Weight Each, Lbs.	⅛	⅜	½	½	½	¾	¾	¾
Each	$....							

Size Hole, Inches	1¾	2	2¼	2½	2¾	3	3¼	3½
Weight Each, Lbs.	1¼	1½	1½	1¾	1¾	2	2¼	2½
Each	$....	....	....					

HAND GROOVERS



Forged Steel, Black Finish, Tempered and Polished Head, Round Shank.

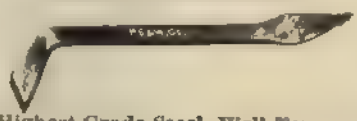
Nos.	0000	000	00	0	1	2	3	4	5	6	7	8
Size of Groove, Inches	1/8	3/32	1/16	5/64	1/32	1/16	3/32	1/8	5/32	3/16	7/32	1/4
Weight Each, Lbs.	1/10	1/10	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8
Each	$....	....	....	....	....	....	....	....	....	....	....	....

SCRATCH AWLS

Forged from High Grade Steel, Hardened Points.

	Per Dozen
No. 01—8½ in. Long, Weight Per Dozen 1 Lb.	$....

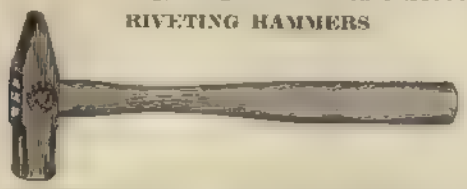
ROOFING SCRAPERS



Forged Highest Grade Steel, Well Tempered, Finely Finished.

	Each
No. 996—$\frac{1}{16}$x⅝x10 in., Weight Each 2 Lbs.	$

RIVETING HAMMERS



Plain Eye, Forged High Grade Crucible Steel, Hardened and Tempered, Full Polished, Selected Second Growth Hickory Handle.

Nos.	0R	1R	2R	3R	4R	5R
Face, Inches, Square.	1½	1⅛	1	⅞	¾	⅝
Weight Each, Oz.	40	24	18	14	10	6
Per Dozen	$....	....	....	....	....	....

With rounded cross pein for stretching metal and for setting work. Will not mar the metal.

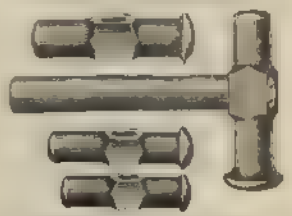
SETTING HAMMERS

Plain Eye, Forged High Grade Crucible Steel, Hardened and Tempered, Full Polished, Selected Second Growth Hickory Handle.

Nos.	1S	2S	3S	4S	5S
Face, Inches, Square.	1⅛	1	⅞	¾	⅝
Weight Each, Oz.	24	18	14	10	6
Per Dozen	$....	....	....	....	....

The pein in this style hammer is particularly adapted to setting in bottoms

RAISING HAMMERS



Cast Steel, Polished Faces, Hickory Handle.

Nos.	1	2	3	4
Face, Inches	2⅛x1¾	2x1½	1⅝x1⅜	1⅜x1⅛
Weight Each, Lbs.	5⅛	3⅝	2¼	1¾
Each	$....	....	....	

For blocking out bottoms, covers or any kind of raised work.

MALLETS

Best Seasoned Hickory.

Nos.	1	2	3
Size of Face, Inches	2½x5¼	2½x5½	2¾x6¼
Per Dozen	$....	....	....

Nos.	4	5
Size of Face, Inches	3x6	3½x6
Per Dozen	$....	....

TINNERS' TOOLS

CIRCUMFERENCE RULES

Steel, 36 in. Long. Each

No. 101—Polished . . . . . $.

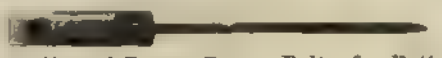
No. 107—Nickel Plated . . . . . .

The upper line is the ordinary Rule graduated by eighths of an inch. The lower line shows at a glance the exact circumference of any cylinder by simply ascertaining the diameter, i. e., a vessel 5 in. in diameter the Rule indicates to be 15¾ in. in circumference. The reverse side contains much useful information in large plain figures regarding the sizes of sixty different articles, such as cans, measures, pails, etc., with straight or flaring sides, flat or pitched top, liquid and dry measure in quarts, gallons and bushels. First is given the dimensions for vessels holding 1 to 5 gallon liquid measure; second, one-quarter to 2 bushels dry measure; third, pans with pitched tops 1 to 10 gallons; fourth, cans with flat top 1 to 200 gallons; fifth, vessels holding 1 to 8 quarts and ½ bushel to 3 bushels dry measure.

SOLDERING COPPERS

Square Point, Forged Drawn Copper Bolts, for General Use.

Nos.	1	1½	2	2½	3
Weight Per Pair, Lbs	1	1½	2	2½	3
Per Pound $					
Nos.		4	5	6	7
Weight Per Pair, Lbs.		4	5	6	7
Per Pound $					
Nos.		8	10	12	14
Weight Per Pair, Lbs.		8	10	12	14
Per Pound $					



Flat Point, Forged Drawn Copper Bolts, for Bottoms, Etc.

Nos.	3B	4B	5B	6B
Weight Per Pair, Lbs	3	4	5	6
Per Pound $				
Nos.		8B	10B	12B
Weight Per Pair, Lbs.		8	10	12
Per Pound $				

ROOFING COPPERS

Drop Forged Drawn Copper Bolt, Welded Wrought Iron Shank with Shield and Handle.

Nos.	4R	6R	8R	10R	12R	14R
Wt. Per Pair, Lbs.	4	6	8	10	12	14
Per Pound $						

SOLDERING COPPER HANDLES.

Hardwood. Per Dozen

No. 31—Wired Shank, Weight Per Dozen 3 Lbs. . . $. . . .

SOLDERING SETS

Per Dozen Sets

No. 2—Set Consists of One Bar of Solder, One Box of Resin, One Scraper and a Soldering Copper of Sufficient Size to Retain the Heat $13.00

Weight Per Dozen Sets 11½ Pounds

One Set in a Wooden Box.

SLATER'S TOOLS

RIPPERS

Each

No. 986—Regular, 24½ in. Long, Weight Each 2⅞ Lbs. . . . . $. .

No. 986½—Short, Made Special to order. . . . . .

HAMMERS

No. 987—Regular, 12 in. Long, Weight Each 1¾ Lbs . . . . . .

No. 987½—Left Hand, 12 in. Long, Weight Each 1¾ Lbs. . . . . .

STAKES

No. 988—Regular, 18 in. Long, Weight Each 1⅛ Lbs. . . . . $.

No. 988½ 24 in Long . . . . .

PUNCHES

No. 989 4½ in Long . . . . . $ . .

These tools used extensively in the laying and repairing of slate and other kinds of roofing are drop forged from the highest grade materials. The blade of the ripper is drawn down very thin from tool steel having a forged handle. Hammers are made of solid forgings from crucible cast steel with properly tempered head, point and cutting edges. A leather handle that will not break or wear out easily, smoothly finished to fit the hand snugly is used on our Slater's Hammer. Stakes and Punches are forged from cast steel

BENCH SHEARS

Forged Best Norway Iron, Steel Laid Blades, Black Finished Handles, Polished Head.

Nos.	00	0	1	2
Capacity Iron, Nos.	18	18	18	19
Length, Inches	46	42½	39	37
Cut, Inches	11½	10½	9	8¾
Weight Each, Lbs.	36	30	24	19
Each $				

Nos.	3	4	5	6
Capacity Iron, Nos.	19	20	21	22
Length, Inches	31	30	27	25
Cut, Inches	7⅝	7⅜	6¼	5¼
Weight Each, Lbs	13	12	9	8¼
Each $				

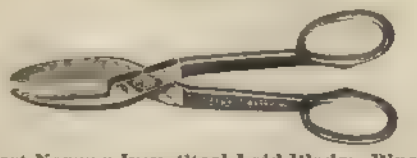
Nos.	31 Elbow	32 Elbow	33 Elbow
Capacity Iron, Nos.	18	16	14
Length, Inches	26	39	46
Cut, Inches	4	6	7½
Weight Each, Lbs.	9½	26	48
Each $			

TINNERS' TOOLS

HAND SHEARS OR SNIPS

P. S. & W. CO.'S STRAIGHT

Original 1819.



Forged Best Norway Iron, Steel Laid Blades, Blued Handle, Polished Head.

Nos.	06½	6½	7	8	9
Length, Inches	17	15⅝	14½	13½	12
Cut, Inches	4½	4¼	4⅛	4	3
Will Cut Iron, No.	22	24	25	26	27
Weight Each, Lbs.	5	3½	2⅞	2¼	1⅝
Each	$				

Nos.	10	11	12	13
Length, Inches	11	10½	8½	8
Cut, Inches	2½	2¼	2	1¾
Will Cut Iron, No.	28	28	28	28
Weight Each, Lbs.	1	1	⅝	½
Each	$			

P. S. & W. CO.'S CIRCULAR

Original 1819.

Forged Best Norway Iron, Steel Laid Blade, Blued Handles, Polished Head.

Nos.	C6½	C7	C8	C9
Length, Inches	15⅝	14½	13½	12
Cut, Inches	4½	4	3½	3
Will Cut Iron, No.	24	25	26	27
Weight Each, Lbs.	3½	2⅞	2¼	1¾
Each	$			

Nos.	C10	C11	C12	C13
Length, Inches	11	10½	11	8
Cut, Inches	2½	2¼	2	1¾
Will Cut Iron, No.	28	28	28	28
Weight Each, Lbs.	1	1	⅝	½
Each	$			

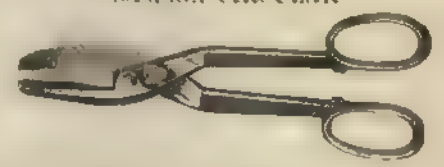
SAMSON STRAIGHT

Forged from Special High Grade Material, Steel Laid Blades, Blued Handles, Polished Head.

Nos.	46	47	48	49
Length, Inches	15⅝	14½	14	12⅝
Cut, Inches	4¼	4	3½	3⅛
Will Cut Iron, Nos.	24	25	26	27
Weight Each, Lbs.	3⅛	3	2⅝	1⅞
Each	$			

Nos.	50	51	52	53
Length, Inches	11⅝	10½	8½	8
Cut, Inches	2⅞	2¼	2	1¾
Will Cut Iron, Nos.	28	28	28	28
Weight Each, Lbs.	1½	1⅜	⅝	½
Each	$			

SAMSON CIRCULAR



Forged from Special High Grade Material, Steel Laid Blades, Blued Handles, Polished Head.

Nos.	C46	C47	C48	C49
Length, Inches	15⅝	14½	14	12⅝
Cut, Inches	4½	4	3½	3
Will Cut Iron, Nos.	24	25	26	27
Weight Each, Lbs.	3⅛	3	2⅝	1⅞
Each	$			

Nos.	C50	C51	C52	C53
Length, Inches	11	10½	8½	8
Cut, Inches	2⅞	2¼	2	1¾
Will Cut Iron, Nos.	28	28	28	28
Weight Each, Lbs.	1½	1⅜	⅝	½
Each	$			

LYON

Forged Handles, Steel Blades, Blued Handles, Polished Head, for Cutting Scrolls and Circles.

Nos.	165	170	180	190
Length, Inches	15½	14	13	11½
Cut, Inches	4	3½	3	2¾
Will Cut Iron, Nos.	24	25	26	27
Weight Each, Lbs.	3⅜	2⅜	2¼	1⅝
Each	$			

Especially adapted to cornice and tin work, for cutting circles, scrolls, etc. The blades are rounding and very sharp pointed

PEXTO

Solid Forged Steel, Black Handles, Polished Head.

No.	00
Length, Inches	12½
Cut, Inches	3
Weight Each, Lbs.	1¾
Each	$

Adapted for all kinds of rough and ready use

TINNERS' TOOLS

HAND SHEARS OR SNIPS

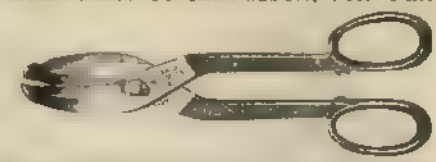
HERCULES COMBINATION, STRAIGHT

Forged from Special High Grade Steel, Blued Handles, Polished Head, Beveled Jaws with Straight Cutting Edges.

Nos.	146	147	148	149
Length, Inches	15½	14½	13½	12½
Cut, Inches	4⅛	3⅝	3⅛	3
Will Cut Iron, Nos.	24	25	26	27
Weight Each, Lbs.	3⅜	3	2¼	2
Each	$....	....	....	.

The jaws are beveled with straight cutting edges, which allows the material to pass freely when cutting curves or changing direction of cut.

HERCULES COMBINATION, CIRCULAR



Forged from Special High Grade Steel, Blued Handles, Polished Head, Beveled and Curved Blades.

Nos.	C147	C148	C149
Length, Inches	14½	14	12¾
Cut, Inches	4	3½	3
Will Cut Iron, Nos.	25	26	27
Weight Each, Lbs.	3	2¼	2
Each	$....	....	

The blades being curved and beveled permits material to pass more freely when cutting small curves or irregular shapes

SEARIGHT COMPOUND LEVER

No. 8.

Nos. 10 to 14.

Drop Forged High Grade Crucible Tool Steel, Tempered Throughout, Polished Blades, Japanned Handles.

Nos.	8	10	12	14
Length, Inches	8	10½	12	14
Blades, Inches	2	3	3½	4¼
Cut, Inches	1¾	2½	3	3½
Weight Each, Lbs.	⅞	1⅛	1⅞	2⅜
Each	$2.00	3.00	4.00	4.60

The compound lever action gives an even y distributed cutt ng strain from a close throat start to the finish at the point of the blade. On all sizes there are two straps or links connecting the handle and blade, one on either side, t ruly riveted together, making a solid frame, giving perfect c ntrol of the blades, with them notching becomes an easy task.

HAWK'S BILL COMBINATION SCROLL OR CIRCULAR

Forged Handles, Solid Steel Blades, Blued Handles, Polished Head.

Each

No. 15—11¾ in. Long, 3 in Cut, Will Cut No. 28 Wire, Weight Each 1¼ Lbs....$...

The blades have a peculiar clearance bevel between the cutting edges, which permits the blades to easily turn a sharp corner or work around a small curve without buckling.

POCKET

Solid Forged Steel, Polished Blades, Blued Head.

Each

No. 82 7 in. Long, 2 in Cut, Weight Each ½ Lb.....$....

Will prove useful to the mechanic, plumber, electrician and automobilist The tinsmith and sheet metal worker will find it a very useful vest pocket shear.

HAND SLITTING

Forged Best Norway Iron, Steel Laid Blades, Blued Handles, Polished Head.

Each

No. 50—13½ in. Long, 3 in. Cut, Will Cut No. 24 Iron, Weight Each 2½ Lbs....$. .

The lower jaw is relieved to allow the material to slide back freely.

BERRIDGE DOUBLE CUTTING SHEARS

No 2.

Forged from High Grade Steel, Carefully Tempered and Hardened, Polished Head, Black Finish Handles. Each

No. 2—13½ in. Long, with Pipe Crimper, Weight Each 2¼ Lbs. .....$.. .

No. 02—13½ in. Long, without Pipe Crimper, Weight Each 2¼ Lbs. .. .. .

HUNTLEY CHICAGO

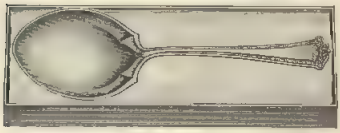
1847 ROGERS BROS. XS TRIPLE

Fine Silver

XS triple and XS quintuple silver plate on fine nickel silver base.

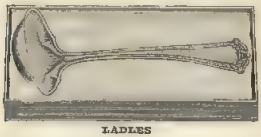
Teaspoon actual size, balance reduced size.

CONTINENTAL PATTERN



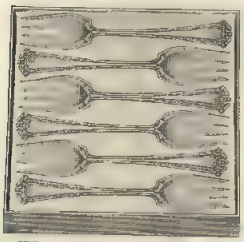
BERRY SPOON

No. 13125 Silver bowl. . .. . each $3.60
No. 13126 Gilt bowl ....each 4.95



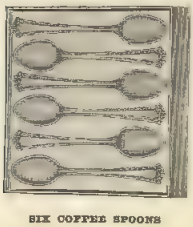
LADLES

No. 13129 Cream ladle, silver bowl.....each $2.03
No. 13130 Cream ladle, gilt bowl.....each 2.94
No. 13131 Gravy ladle, silver bowl... ... ...each 2.70
No. 13132 Gravy ladle, gilt bowl... ....each 4.05
No. 13133 Oyster ladle, silver bowl. ....each 5.85
No. 13134 Oyster ladle, gilt bowl... ....each 7.35
No. 13135 Medium ladle, silver bowl.....each 7.20
No. 13136 Medium ladle, gilt bowl.....each 9.90



SIX INDIVIDUAL SALAD FORKS

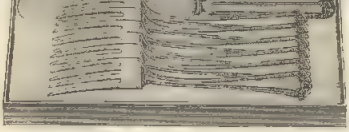
No. 13138 Silver tines ....per set $8.55
No. 13139 Gilt tines .....per set 12.15



SIX COFFEE SPOONS

No. 13144 Silver bowls . per set $4.25

No.		Dozen
13107	Tea spoons, XS triple.....	$8.55
13108	Tea spoons, XS quintup....	11.70
13109	Dessert spoons, XS triple...	15.30
13110	Dessert spoons, XS quintup .	19.80
13111	Table spoons, XS triple	17.10
13112	Table spoons, XS quintup ...	22.40
13113	Dessert forks, spoon handle XS triple	15.30
13114	Dessert forks spoon handle, XS quintup	19.80
13115	Medium forks, spoon handle XS triple	17.10
13116	Medium forks, spoon handle, XS quintup	23.40
13117	Tall butter knives, XS triple	21.60
13118	Sugar shells, XS triple	19.00
13119	Iced tea spoons, XS triple	11.70
13120	Pie knives, XS triple	54.00
13121	Oyster forks, hollow handle	54.00
13122	Cheese scoops, hollow handle	21.60
13123	Pickle forks, long	24.60
13124	Orange spoons	10.80



KNIFE AND FORK SETS

Six solid handle knives (16 dwt. med size, 12 dwt. dessert size), six spoon handle forks, triple plate
No. 13145 Medium size ..... per set $15.40
No. 13146 Dessert size ..... per set 14.40
Six hollow handle knives quadruple plate six spoon handle forks, triple plate
No. 13147 Medium size ..... .per set $22.95
No. 13148 Dessert size ..... per set 21.15
Six hollow handle knives, quadruple plate, six hollow handle forks quadruple plate
No. 13149 Medium size ....per set $28.80
No. 13150 Dessert size ....per set 27.00

HUNTLEY CHICAGO

1847 ROGERS BROS. XS TRIPLE

1863 1916

Plated Flatware

Every piece of 1847 ROGERS BROS. ware has back of it an absolute guarantee.

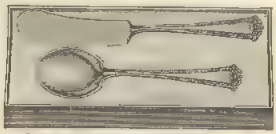
Fancy pieces put up in lined boxes.

Gray Finish.

FOR CHILD AND BABY SETS TO MATCH
SEE PAGE 480

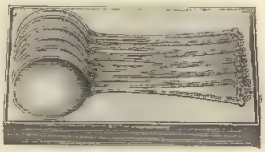
COLD MEAT FORK, LARGE

No. 13127 Silver tines .. ..each $3.25
No. 13128 Gilt tines .....each 3.15



BUTTER KNIFE AND SUGAR SHELL

No. 13137 Silver blade and bowl.....per set $3.30

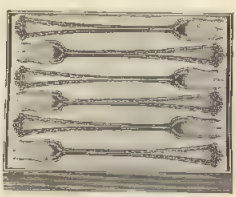


SIX SOUP SPOONS

No. 13140 Silver bowls .....per set $9.45

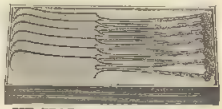
SIX BOUILLON SPOONS

No. 13141 Silver bowls .....per set 8.10



SIX OYSTER FORKS

No. 13142 Silver tines ...per set $5.67
No. 13143 Gilt tines .....per set 6.37



SIX FLAT HANDLE BUTTER SPREADERS

No. 13151 Silver blades...per set $7.65

SIX HOLLOW HANDLE BUTTER SPREADERS

No. 13152 Silver blades per set $10.80

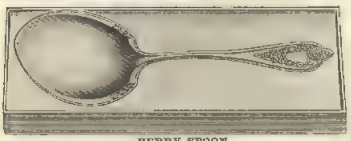
Fine Silver Plated Flatware

Old Colony Pattern

Gray Finish

XS triple and XS quintuple silver plate on fine nickel silver base. Every piece of 1847 ROGERS BROS. ware has back of it an absolute guarantee.

Teaspoon actual size, balance reduced size.
Fancy pieces put up in lined boxes.

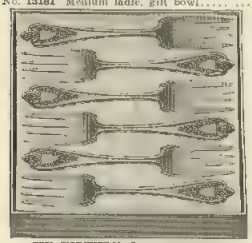


BERRY SPOON

No. 13169 Silver bowl ..... each $3.60
No. 13170 Gilt bowl ..... each 4.95

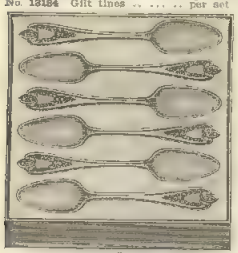
LADLES

No. 13174 Cream ladle, silver bowl..... each $2.03
No. 13175 Cream ladle, gilt bowl..... each 2.94
No. 13176 Gravy ladle, silver bowl..... each 2.70
No. 13177 Gravy ladle, gilt bowl..... each 4.05
No. 13178 Oyster ladle, silver bowl..... each 5.85
No. 13179 Oyster ladle, gilt bowl..... each 7.88
No. 13180 Medium ladle, silver bowl..... each 7.20
No. 13181 Medium ladle, gilt bowl..... each 9.00



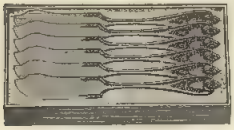
SIX INDIVIDUAL SALAD FORKS

No. 13183 Silver tines..... per set $8.55
No. 13184 Gilt tines..... per set 12.15



SIX ORANGE SPOONS

No. 13187 Silver bowls..... per set $5.40
No. 13188 Gilt bowls..... per set 9.00



SIX FLAT HANDLE BUTTER SPREADERS

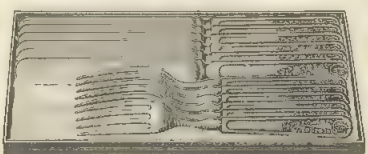
No. 13191 Silver blades..... per set $7.65

SIX HOLLOW HANDLE BUTTER SPREADERS

No. 13192 Silver blades..... per set $10.80

No.		Dozen
13153	Teaspoons, XS triple	$8.55
13154	Teaspoons, XS quintuple	11.70
13155	Dessert spoons, XS triple	13.50
13156	Dessert spoons, XS quintuple	15.80
13157	Table spoons, XS triple	17.10
13158	Table spoons, XS quintuple	23.40
13159	Dessert forks, spoon handle, XS triple	15.80
13160	Dessert forks, spoon handle, XS quintuple	18.90
13161	Medium forks, spoon handle, XS triple	17.10
13162	Medium forks, spoon handle, XS quintuple	23.40
13163	Table butter knives, XS triple	21.60
13164	Sugar shells, XS triple	19.00
13165	Iced tea spoons, XS triple	11.70
13166	Pie knives, XS triple	54.00
13167	Pie servers, hollow handle	54.00
13168	Cheese servers, hollow handle	21.60

FOR CHILD AND BABY SETS TO MATCH SEE PAGE 480



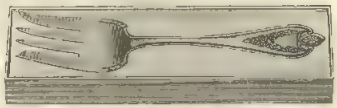
KNIFE AND FORK SETS

Six solid handle knives, (18 dwt., medium size, 12 dwt., dessert size,) six solid handle forks, triple plate.
No. 13193 Medium size..... per set $12.50
No. 13194 Dessert size..... per set 12.16

Six solid handle knives, (18 dwt., medium size, 12 dwt., dessert size) six spoon handle forks, triple plate.
No. 13195 Medium size..... per set $15.40
No. 13196 Dessert size..... per set 14.40

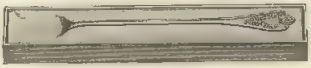
Six hollow handle knives, quadruple plate, six spoon handle forks, triple plate.
No. 13197 Medium size..... per set $22.95
No. 13198 Dessert size..... per set 21.15

Six hollow handle knives quadruple plate, six hollow handle forks, quadruple plate.
No. 13199 Medium size..... per set 28.80
No. 13200 Dessert size..... per set 27.00



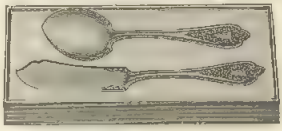
COLD MEAT FORK—LARGE

No. 13171 Silver tines..... each $2.25
No. 13172 Gilt tines..... each 3.15



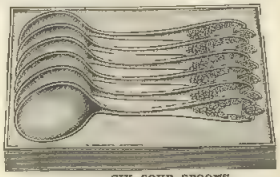
PICKLE FORK—LONG

No. 13173 Silver tines..... each $2.05



BUTTER KNIFE AND SUGAR SHELL

No. 13182 Silver bowl and blade..... per set $3.30



SIX SOUP SPOONS

No. 13185 Silver bowls...per set $9.45

SIX BOUILLON SPOONS

No. 13186 Silver bowls...per set 3.16

SIX OYSTER FORKS

No. 13189 Silver tines....per set $5.67
No. 13190 Gilt tines.....per set 8.37

SIX COFFEE SPOONS

No. 13201 Silver bowls....per set $4.25

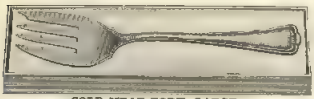
1847 ROGERS BROS. X S TRIPLE

Fine Silver Plated Flatware

CROMWELL PATTERN—Bright Finish

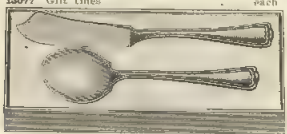
1847 ROGERS BROS. X S TRIPLE

XS triple and XS quintuple silver plate on fine nickel silver base
Every piece of 1847 ROGERS BROS. ware has back of it an absolute guarantee



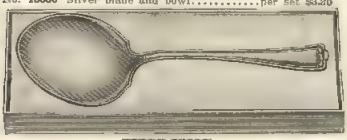
COLD MEAT FORK, LARGE

No 13076 Silver tines ..... each $2.25
No 13077 Gilt tines ..... each 3.15



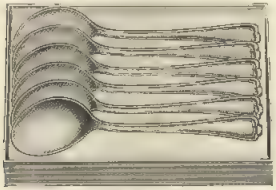
BUTTER KNIFE AND SHELL

No. 13086 Silver blade and bowl.....per set $3.20



BERRY SPOON

No. 13088 Silver bowl ..... each $3.60
No 13089 Gilt bowl ..... each 4.95

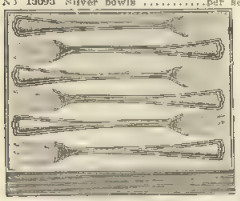


SIX SOUP SPOONS

No. 13092 Silver bowls ..... per set $9.45

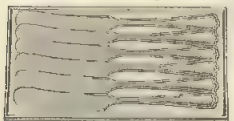
SIX BOUILLON SPOONS

No 13093 Silver bowls .....per set $8.10



SIX OYSTER FORKS

No 13096 Silver tines ...per set $5.67

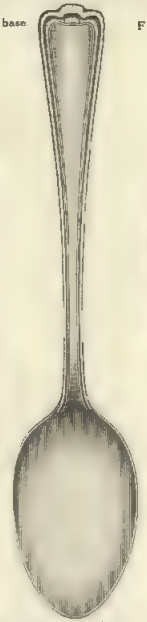


SIX FLAT HANDLE BUTTER SPREADERS

No 13097 Silver blades....per set $7.65

SIX HOLLOW HANDLE BUTTER SPREADERS

No 13097½ Silver blades .per set $10.80



No.		Dozen
13060	Tea spoons, XS triple	$6.85
13061	Tea spoons XS quintup	11.70
13062	Dessert spoons XS triple	15.30
13063	Dessert spoons, XS quintup	19.80
13064	Table spoons, XS triple	17.10
13065	Table spoons, XS quintup	23.40
13066	Dessert forks, spoon handle, XS triple	15.30
13067	Dessert forks spoon handle XS quintup	19.80
13068	Medium forks, spoon handle, XS triple	17.10
13069	Medium forks, spoon handle, XS quintup	23.40
13070	Twist butter knives, XS triple	21.60
13071	Sugar shells, XS triple	19.00
13072	Iced tea spoons XS triple	11.70
13073	Pie knives XS triple	54.00
13074	Pie servers, oval blade	54.00
13075	Cheese scoops, narrow handle	21.60

KNIFE AND FORK SETS

Six solid handle knives, (18 dwt. medium size, 12 dwt. dessert size), six solid handle forks, triple plate

No 13098 Medium size .....per set $12.50
No 13099 Dessert size .....per set 12.16

Six solid handle knives, (16 dwt. medium size, 12 dwt. dessert size), six spoon handle forks, triple plate.

No. 13100 Medium size .....per set $15.40
No. 13101 Dessert size .....per set 14.40

Six hollow handle knives, quadruple plate, six spoon handle forks, triple plate.

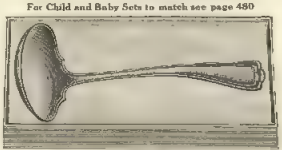
No. 13102 Medium size .....per set $22.95
No. 13103 Dessert size .....per set 21.15

Six hollow handle knives, quadruple plate, six hollow handle forks, quadruple plate.

No. 13104 Medium size .....per set $28.80
No. 13105 Dessert size .....per set 27.00

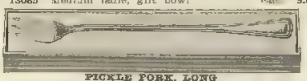
FANCY PIECES PUT UP IN LINED BOXES

Teaspoon actual size, balance reduced size
For Child and Baby Sets to match see page 480



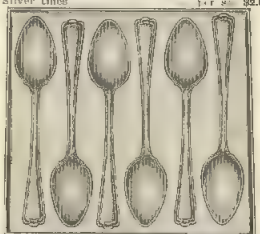
LADLES

No	13078	Cream ladle, silver bowl	each $2.02
No	13079	Cream ladle, gilt bowl	each 2.94
No	13080	Gravy ladle, silver bowl	each 2.70
No	13081	Gravy ladle, gilt bowl	each 4.05
No	13082	Oyster ladle, silver bowl	each 5.85
No	13083	Oyster ladle, gilt bowl	each 7.35
No	13084	Medium ladle, silver bowl	each 7.20
No	13085	Medium ladle, gilt bowl	each 9.00



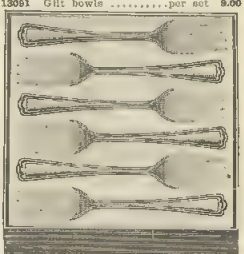
PICKLE FORK, LONG

No 13087 Silver tines ..... per set $2.05



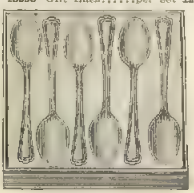
SIX ORANGE SPOONS

No 13090 Silver bowls .....per set $5.40
No. 13091 Gilt bowls .....per set 9.00



SIX INDIVIDUAL SALAD FORKS

No. 13094 Silver tines.. .per set $8.55
No. 13095 Gilt tines.....per set 12.15



SIX COFFEE SPOONS

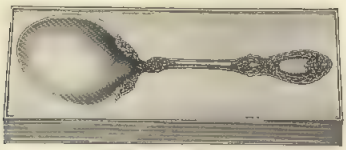
No. 13106 Silver bowls. .per set $4.25

Fine Silver Plated Flatware

XS triple and XS quintuple silver plate on fine nickel silver base.

SHARON PATTERN
Gray Finish

Every piece of 1847 ROGERS BROS. ware has back of it an absolute guarantee. Teaspoon actual size, balance reduced size. Fancy pieces put up in lined boxes

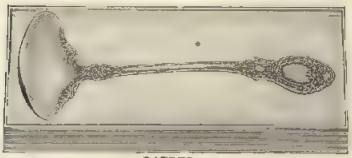


BERRY SPOON

No. 13317 Silver bowl ..... each $3.60
No. 13318 Gilt bowl ..... each 4.95

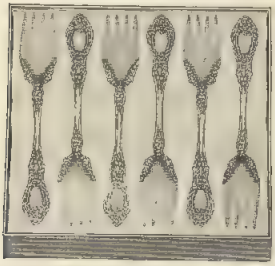
PICKLE FORK, LONG

No. 13321 Silver tines ..... each $2.05

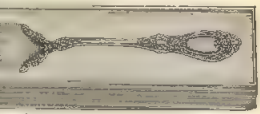


LADLES

No. 13332 Cream ladle, silver bowl..... each $2.03
No. 13334 Cream ladle, gilt bowl ..... each 2.94
No. 13325 Gravy ladle, silver bowl..... each 2.70
No. 13326 Gravy ladle, gilt bowl..... each 4.05
No. 13327 Oyster ladle, silver bowl..... each 5.85
No. 13328 Oyster ladle, gilt bowl..... each 7.35
No. 13329 Medium ladle, silver bowl.. each 7.20
No. 13330 Medium ladle, gilt bowl... each 9.00

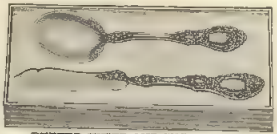


No.		Dozen
13300	Tea spoons, XS triple	$8.55
13301	Tea spoons, XS quintup	11.70
13302	Dessert spoons, XS triple	15.30
13303	Dessert spoons, XS quintup	19.80
13304	Table spoons, XS triple	17.10
13305	Table spoons XS quintup	23.40
13306	Dessert forks, spoon handle, XS triple	15.30
13307	Dessert forks, spoon handle, XS quintup	19.80
13308	Medium forks, spoon handle, XS triple	17.10
13309	Medium forks, spoon handle, XS quintup	23.40
13310	Twist butter knives, XS triple	21.60
13311	Sugar shells, XS triple	19.00
13312	Iced tea spoons, XS triple	11.70
13313	Coffee spoons, XS triple	8.47
13314	Pie knives, XS triple	54.00
13315	Pie servers, hollow handle	54.00
13316	Cheese scoops, hollow handle	21 60



COLD MEAT FORK, LARGE

No. 13319 Silver tines ..... each $2.25
No. 13320 Gilt tines ..... each 3.15

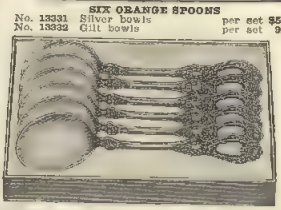


BUTTER KNIFE AND SUGAR SHELL

No. 13322 Silver bowl and blade. .....per set $3.30

SIX ORANGE SPOONS

No. 13331 Silver bowls per set $5.40
No. 13332 Gilt bowls per set 9.00

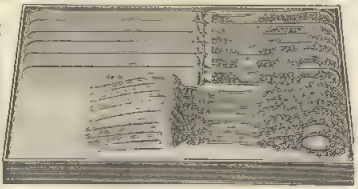


SIX INDIVIDUAL SALAD FORKS

No. 13333 Silver tines.....per set $8.55
No. 13334 Gilt tines ..per set 12.15

SIX OYSTER FORKS

No. 13337 Silver tines.....per set $5.67
No. 13338 Gilt tine..... ..ner set 8.37



KNIFE AND FORK SETS

Six solid handle medium knives, 16 dwt. Six spoon handle XS triple forks.
No. 13330 Medium size..... .....per set $15.40
No. 13340 Dessert size..... .....per set 14.40
Six hollow handle knives, quadruple plate, six spoon handle forks XS triple plate
No. 13341 Medium size ....per set $22.95
No. 13342 Dessert size ..... per set 21.15
Six hollow handle knives quadruple plate, six hollow handle forks, quadruple plate
No. 13343 Medium size..... .....per set $28.80
No. 13344 Dessert size..... .....per set 27.00

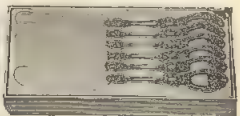
SIX SOUP SPOONS

No. 13335 Silver bowls...per set $9.45

SIX BOUILLON SPOONS

No. 13336 Silver bowls...per set 8.10

FOR CHILD AND BABY SETS TO MATCH SEE PAGE 480.



SIX HOLLOW HANDLE BUTTER SPREADERS

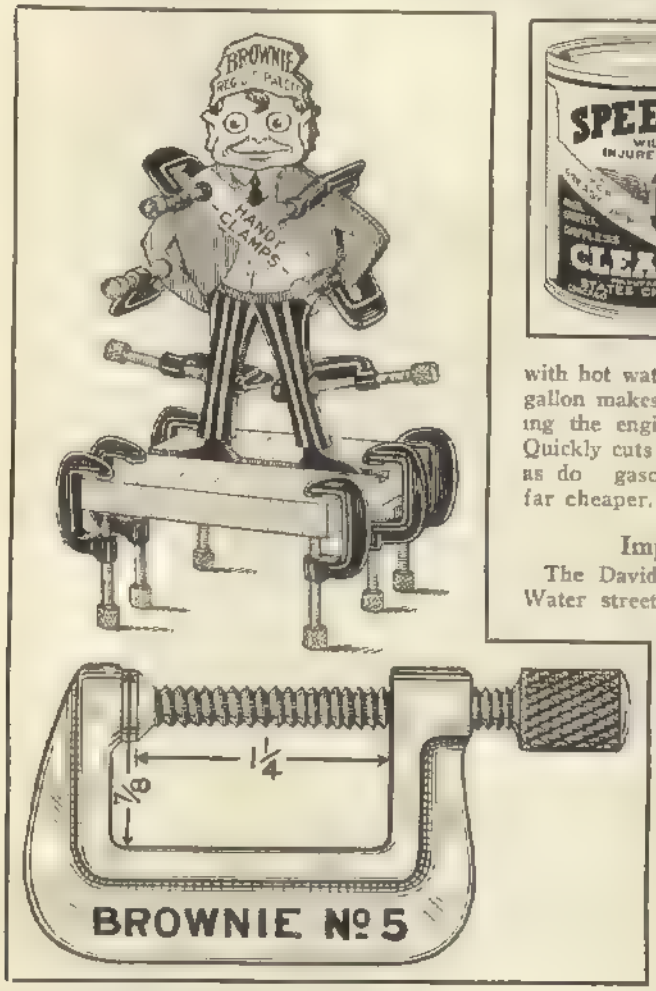
No. 13345 Silver blades .....per set $10.80

Six flat handle butter spreaders.
No. 13346 Silver blades .....per set 7.65

The reputation for durability that attaches to 1847 ROGERS BROS. silver plate is the supreme consideration in the judging of quality
Patterns to meet every taste and requirement of furnishing.
Sold by leading dealers Send for illustrated catalogue "K-25"
INTERNATIONAL SILVER COMPANY - MERIDEN, CONN
NEW YORK SAN FRANCISCO CHICAGO HAMILTON CANADA
1847 ROGERS BROS.

Brownie Handy Clamps

The Brownie Mfg. Co., No. 137 North Canal street, Chicago, Ill., are manufacturing the Brownie Handy Clamp, their No. 5, of which is shown in this connection. Also there is reproduced one of the display stands which they furnish dealers, so that when a clamp is sold all that is necessary is to remove it from the stand. They call attention to the fact that this Clamp is useful to the "handy man" on repair jobs, gluing up furniture, etc., and for machinists, draughtsmen, tailors, pattern makers, jewelers, dressmakers, repairmen, cabinet makers, manual training students, etc. The frames are of malleable iron, and unbreakable; with die cut, steel screws; nicely finished, and nickel-plated; and every Brownie is warranted



The Spee-Dee Cleanser

The Slater Chemical Co., No. 656 West Austin avenue, Chicago, Ill., have placed on the market the Spee-Dee Cleanser, which can be used to wash the hands without water. This product is packed in quart cans and is of especial value to mechanics and automobile drivers It is a white emulsion which quickly dissolves all grease and grime, and can be wiped off the hands, leaving the skin soft and clean. The appealing feature is that it does not irritate the skin and contains no grit. Its action is to dissolve the grease without injuring the skin It can also be mixed with hot water and at a cost of one cent per gallon makes an excellent solution for washing the engines, gears, running boards, etc. Quickly cuts grease instead of mixing with it as do gasoline and kerosene, besides being far cheaper.

Improved Tilting Level

The David White Co., Inc., No. 419 East Water street, Milwaukee, Wis., manufacturers of surveying instruments for architects, contractors and builders, have placed on the market a new and improved Tilting Level Views of the instrument are shown by the accompanying illustrations. Fig. 1 shows the instrument when used as a level, and Fig. 2 the same used as a transit. The company point out that the chief advantages of this instrument are as follows: "The drop-center construction of the cross-bar with standard cast in one solid piece obviates the necessity of attaching and detaching the standards each

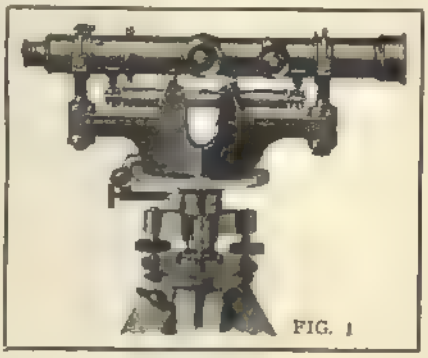


FIG. 1

New Goods Pages for Live Buyers

bins, and do away with a great many of the things we thought drudgery when on the farm in our boyhood days. As the conditions of the farmers are improved, no other class of merchants will receive more benefit than the hardware dealers of his community.

With factories running full and many extensions and improvements being made, new railroads coming in to our state, permanent improvements to our roads as never before, coal in good demand at good prices, lumber business improving, farmers planning to even exceed the last two years big crops, building permits more numerous and of larger proportions than for some years; with prices on many lines advancing, with a shortage of goods on some makes being predicted, I see no reason why we should not go forth with the hope and determination to make 1916 one of the very best and planning to render better service and more courteous treatment to our customers than in the past.

Let us all catch the spirit of optimism that seems to be pervading this country and each one see to it that our respective communities are made bigger and better, because we have passed their way.

A Quick Sale

A nature story from Albuquerque, N. M.: He was a simple child of nature from the Santo Domingo pueblo, and he went into Raabe & Mauger's Hardware store at dusk to do some shopping. As he entered Walter Raabe reached up and pressed the button of one of the big electric lights

"Ugh," said the Indian. "Fine. How much um cost?"

"Oh, about $15," said Mr. Raabe

"That all you do?" asked the Indian, pointing to the button.

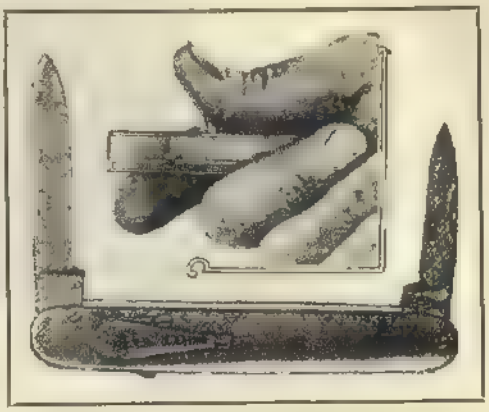
"Yes, that's all."

The simple child of nature reached down into his pocket, fished up a roll and skinned $15 from it.

"Wrap um up," he said briefly. "Take um home."

And it is doubtful if he quite understands yet why it wouldn't have been a fine thing for him to have taken "um" home.

Ramsay Hardware Co., Ellensburg, Wash.: "We read and like the HARDWARE DEALERS' MAGAZINE."



The police of New York City have come across a new-style weapon, that is most dangerous in the hands of criminals. A thing that appears to be a knife is in reality a pistol capable of inflicting a fatal wound. Many of these miniature weapons are believed to have found a way into the hands of bad men of New York

The new type of weapon is to all appearances a German silver pocket knife containing two blades, with a rather heavy handle, a spring on the side of which can be moved by the thumb and the front part of the handle turned around, in which can be inserted a 22-calibre rim firing cartridge. This part of the knife can be turned back and the clasp on the side of the handle can be raised, which cocks the pistol. The weapon can be held close to a person and a fatal wound inflicted by simply pressing this side attachment, which lets the firing pin hit the cartridge and explode it. Police Commissioner Woods says that any person who carries one of these weapons is a violator of the Sullivan law. "He can and should be vigorously prosecuted," he said. "Members of the police force should be unusually careful in conducting a search of a prisoner and should not be deceived by an apparent innocence."

Massachusetts set the first example in the manufacture of shovels, spades and hoes, the credit of this industry being due to the original Olives Ames, whose descendants are still among the leading manufacturers. It took some time to induce the Hardware dealers of that period to substitute the Ames steel pointed and shank shovels and spades, for the old style socket tips that came over from Birmingham. The same difficulty was experienced with edge tools. It was a long time before Underhill's or Pratt's axes or Farwell's scythes took the place of the imported articles. The Douglas Axe Co. were the first to assert and insure the success of the domestic article.

Directions for uſing the Warming Machines.

1 PUT on Cinders enough as high as the Blowing-Hole.
2 Put on the Cinders a Handful of dry Chips and Shavings.
3 Put on the Chips ſome Cinders and ſome freſh Coals.
4 Set the Chips a fire till they flame well.
5 Shut the great Door, and keep the little one open.
6 Put on more freſh Coals, and keep a good Fire till the Machine is hot, then a ſmall Fire will do for the Reſt of the Day.
7 If the Machine draws too faſt, keep the Blowing-Door rather leſs than Half open, and that will weaken the Draught.
8 Take the Aſhes out every Morning and ſweep the Machine and Funnel quite through once a Week.
9 When you want to renew the Fire, rake backwards and forwards all the Cinders, and put on freſh Coals if required.
10 Let the Body of the Fire, be always higher than the little Door.
11 If you want the Fire to keep in long and ſave Coals, bring all the Fire in a Heap, in the Middle of the Machine; put on a large Coal, keep the little Door but one third open and the Damper (if any) half open.
12 Never make too ſtrong a Fire; for if you do, it will ſmell like a Box-Iron; in ſuch Caſe, open your Air-Pump or the large Coal-Door for eight or ten Minutes, and it will carry off the offenſive Smell.
13 If your Chimney ſmoaks, and the Fire will not light, open ſix Inches of Saſh-window; ſet your Chips and Shavings a Fire; when they are well lighted, ſhut the large Door, and keep the little one open; cloſe your Saſh, and it will ſmoke no more.

In the accompanying illustration is shown one of the oldest—if not the oldest—stove to be found in America. It is preserved as a venerated relic by the state of Virginia. It was made in England in 1770, by Buzaglo, and presented to the Colony of Virginia by the Duke of Beaufort, and used to heat the Houses of Burgesses, Williamsburg, Va. As will be seen by glancing at the cut there was a considerable effort of ornamentation at the time this stove was produced. Some ambitious scrolls and figures are used as well as coats-of-arms, emblems, etc. It was the pride of the manufacturer of the period to turn out handsome art goods, and to quote the language of the founder who cast this stove, he said: "It excels in grandeur anything ever seen of the kind, and is a masterpiece not to be equalled in all Europe."

There is shown above a photograph secured by the HARDWARE DEALERS' MAGAZINE of the "Directions for Using the Warming Machines" that came with the stove; and on the opposite page a letter from the office of the Governor of Virginia in explanation of the same.

cause food will bake in the same time on a twenty foot burner on top of the stove as in the gas stove oven in which a forty foot burner is used, and this means a saving of two cents per hour, not much saving in one hour perhaps, but in a month, well worth saving. In addition to this, there is the saving of the expense of heating the large oven to the baking point. It will bake potatoes, biscuits, pies, meats, in fact, anything that can be baked in any oven, can be baked in the Kitchen Kumfort. Size, twelve by thirteen by ten inches high, made of full finished Wellsville steel, fitted with two retinned adjustable shelves and asbestos lined heat deflector."

Portland Shaving Sets

The two Shaving Sets shown in this connection are manufactured by the Portland Sales Co., No. 84 Portland street, Boston, Mass. Fig. 1 is their No. 216, of which the design is new and has never been offered to the trade before this year. It is made of brass throughout, with best quality bevelled

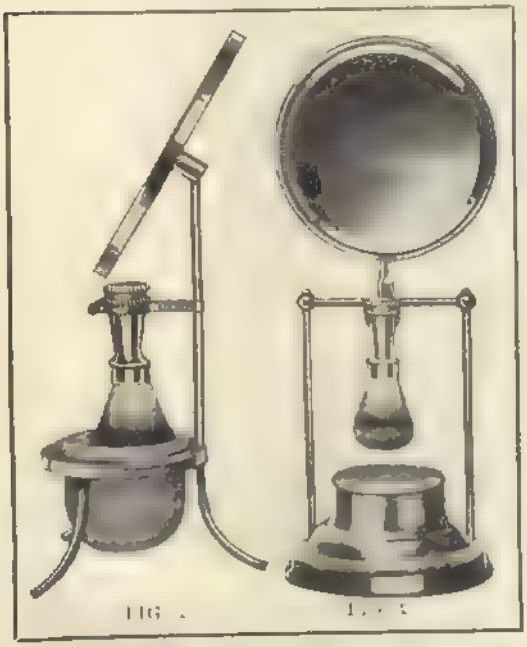


FIG. 1 FIG. 2

plate glass; complete with best quality shaving brush and ivory porcelain shaving cup. Nickel finish, six inch bevelled glass. In Fig. 2 their No. 207, which is another new design; also a handsome article. The base is weighted and covered with felt; the glass is adjustable to any angle; all parts can be removed for cleaning. Nickel finish, six inches in bevelled plate glass.

Read the New Goods Pages.

Manny Juice Extractor

The Canton Glass Co., Marion, Ind., are placing on the market the Lemon Juice Extractors shown in this connection. Fig. 1 is their No. 1 Manny, and Fig. 2 their No. 2 Manny. Of the first-named they say: "This is a light, handy article ingeniously construct-

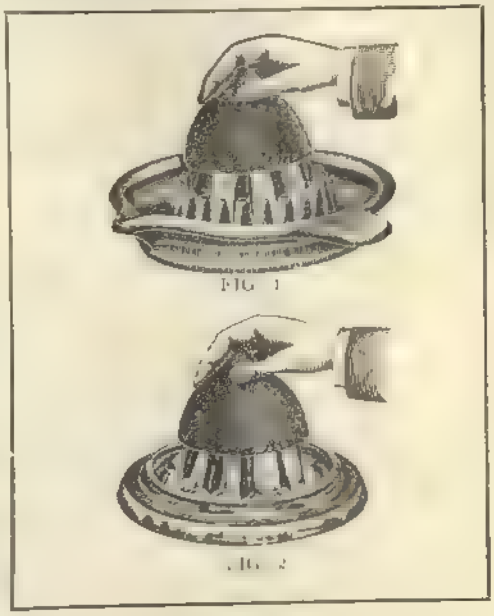


FIG. 1

FIG. 2

ed so as to let the juice pass readily through apertures at the base of the cone, while the extractor rests on the top of the tumbler. No pulp or seeds can drop through. The base is flanged so as to rest firmly on any ordinary drinking glass." Of the No. 2: "The corrugated glass cone squeezes out every drop of juice in the fruit and the close set teeth surrounding the base of the cone collect all the pulp and seeds. The pure juice flows into the saucer of the extractor and can then be poured into any kind of receptacle." They add: "We will be pleased to quote our best prices on application."

In Sioux Falls, South Dakota, the hardware stores have organized a local gun club, which holds its business meetings at the different stores in town. The club shoots every week, and conducted an international tournament some time ago. The members say it benefits the city as well as trade.

J. W. Woosley & Son, Leonard and Trenton, Texas: "Business in this part is very poor on account of conditions. People were very badly in debt when the war came on, and they have not yet fully paid up."

Tool Rack, and Single Clasps

The Peter Forg Mfg. Co., No. 50 Park street, Somerville, Mass., makers of cabinet and builders' hardware, are placing on the market Forg's Tool Racks, one of which is here illustrated in Fig. 1. It is made from sheet metal, and nickelplated; is suitable for hanging of files, tools, etc., in factories, workshops, closets, tool chests, etc. Three of their racks are made in lengths of two feet, their Single Clasps, used in this connection, are made of brass, and are shown in Fig. 2.

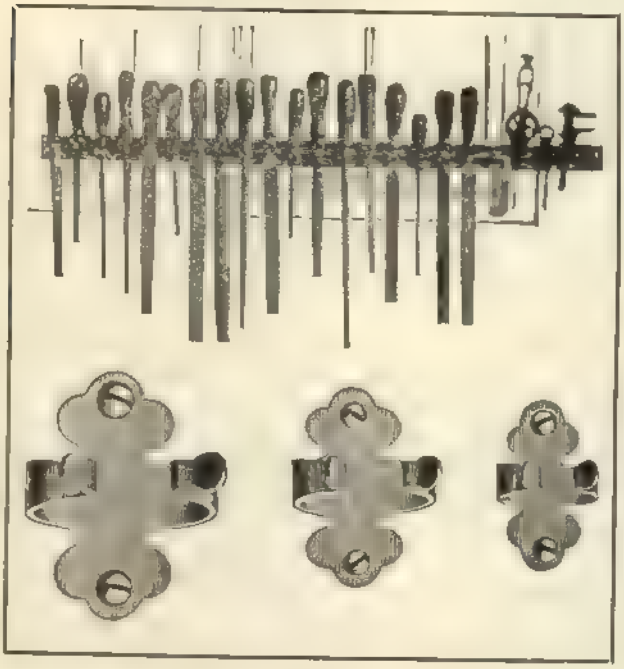
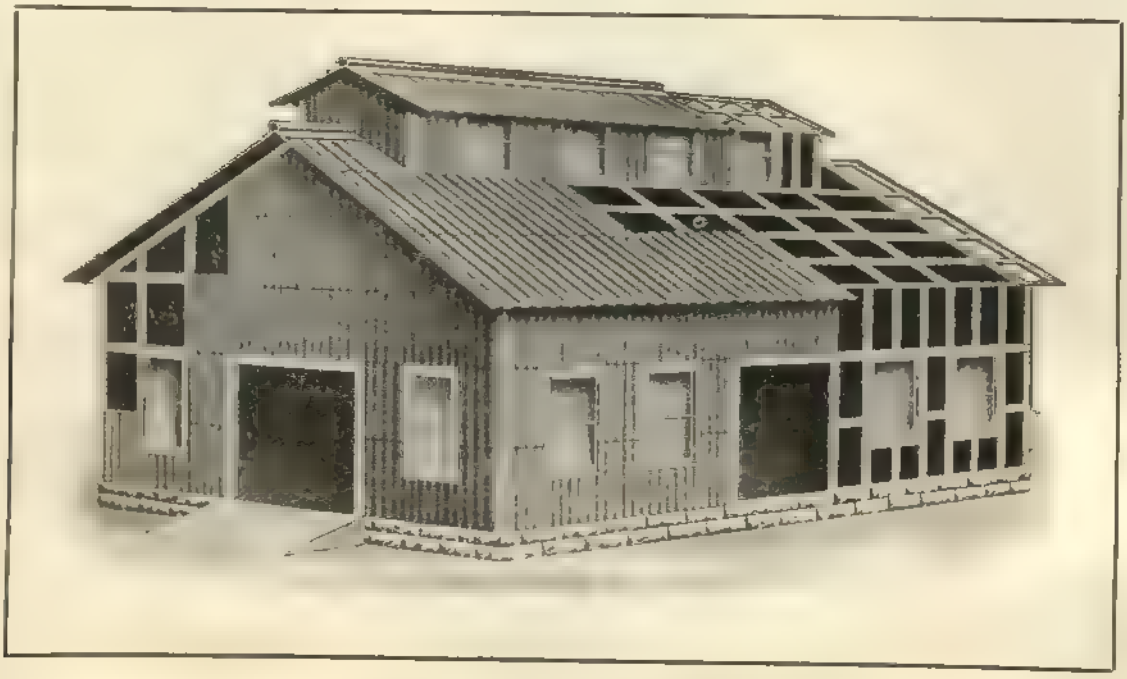


Table cutlery is a good thing to advertise.

Corrugated Sheets

The Globe Iron Roofing & Corrugating Co., Cincinnati, Ohio, manufacturers of sheet metal products, show in the accompanying illustration a skeleton frame building, on which corrugated sheets are applied to the roof and sides. These, they say, can be safely used on roofs having a one-fourth pitch or more; No. 26 gauge and lighter corrugated sheets may be applied on solid sheeting or rafters spaced not over one foot apart. Nos. 24, 22 and 20 gauge can be laid on rafters spaced from two to five feet, this depending on the gauge used. The company says: "Corrugated sheets are the strongest known form of sheet metal building materials and are adapted for roofing, siding, ceiling, for covering partitions, doors and shutters for fireproof buildings; and the advantages of this form of sheet metal are easily seen for such protection. Corrugated metal imparts material strength by its lineal rigidity to any structure to which it is applied."



PACK SACKS AND HARNESS

"POCAHONTAS" SQUAW BAG

This is a light weight pack, particularly suitable for women and young people, for carrying loads up to 20 pounds. It is made of water-proofed olive drab "Kiro" cloth with a draw-string for closing at the top and with a flap covering, which is provided with a snap button fastening. The shoulder straps are made of a good quality webbing, olive drab color, and are adjustable, one side being easily detached by means of a snap link.

The bellows pocket, 6½x5½ inches on the outside, will be found convenient for holding small articles; when folded it is only 5x5x1½ inches.

No. **S9.** 21x21-inch flat, weight 9 oz..... **$1.25**

PENOBSCOT PACK

The "Penobscot" pack is intended for carrying big loads, being made of heavy waterproof brown duck and fitted with a carrying shoulder strap which distributes the weight well over the shoulders and makes the load "ride easy." The edges are strongly bound and the flap extends well over the pack, inside of which is a large pocket. The illustration shows the arrangement of the shoulder yoke, which is made of canvas, and the straps, which are made of an excellent quality of leather.

No. **24.** Size 16x12x4 in., weight 2¾ lbs..... **$4.00**
No. **25.** Size 22x16x6 in., weight 3½ lbs..... **4.50**

PACK HARNESS

A wide shoulder yoke of canvas is securely fastened to adjustable leather straps, forming a harness, which conforms to all sizes and shapes of packs.

The best oak tanned leather is used and the harness is hand sewed and riveted. Cut shows harness attached to two canvas bags, but it may be used to carry any kind of luggage.

No. **70.** Harness, weight 1¾ lbs..... **$3.25**

COMBINATION PACK HARNESS

We rig a head attachment to the harness described above and thus combine the advantages of tump line and shoulder strap method of packing.

No. 78. Harness with head attachment, weight 27 ozs. **$4 25**

"HUDSON BAY" TUMP LINE

This is a favorite method of packing in the Hudson Bay country and it is remarkable the weight an Indian of the north woods will carry with this simple device.

The head piece is made of strong pliable leather, to each end of which are buckled long leather thongs for attaching to pack.

No. **80.** Weight 15 ounces..... **$1.75**

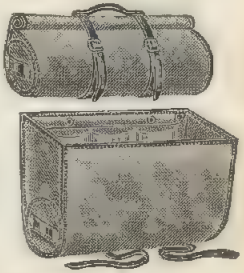
Delivery Prepaid in U. S. if Cash is Sent With Order at Above Prices

FORD CARRY STRAPS

This carry strap is light, easily adjusted, and will be found useful for many purposes. The binding straps are 48 to 60 inches long and may be adjusted to fit a large or small bundle. The carrying straps are wide where they come in contact with the shoulder and adjustable to suit the user. The leather is of excellent quality and the buckles while light are unusually strong. The idea of this strap was suggested to us by an officer of the United States Army and exclusive permission has been granted us to manufacture same.

No. **75.** Ford Carry Strap, weight 11 ounces..... **$2.00**

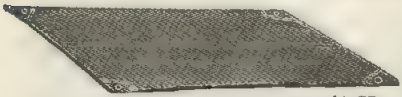
VALISE PACK



This pack may be described as a dunnage bag opening at the side with the utility of a valise. A removable stick fits into a sleeve along the top edge, below which are the pockets or compartments for personal belongings. Grommets are provided in the back for suspending the pack against a wall or log when the pack is open, making the contents of the compartments or bag proper easily "get-atable." Made of brown waterproof duck with carrying straps and handle.

No. **5.** Length 22 in., diameter 9 in., weight 2 lbs. **$3.25**

PACK CLOTH



Very convenient for covering or carrying luggage and makes a good temporary shelter or ground cloth. Brown, medium weight, waterproof duck.

No. **P5.** 5x6 ft., weight 2½ lbs.....**$1.75**

No. **P6.** 6x7 ft., weight 3¼ lbs..... **$2.50**

ADIRONDACK PACK BASKETS

Extensively used by guides, especially in the Adirondacks, and will carry all kinds of duffle. Slip your arms through the strong webb shoulderstraps and it will adjust itself on your back.

No. **1A.** 3 pecks, weight 2½ lbs.**$2.50**
No. **2A.** 1 bu., weight 3½ lbs.... **2.75**
No. **3A.** 1¼ bu., weight 3¾ lbs... **3.00**

CANVAS COVERED BASKET

Waterproof canvas covered pack basket with strong adjustable webb straps. Being supplied with a waterproof lid, it will keep your duffle perfectly dry. Made with a large mouth for easy packing and flattened where the side comes in contact with the back.

No. **3C.** 1¼ bu., weight 4¾ lbs.. **$6.00**

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

G.W. HUNTLEY © CHICAGO

Alvin Silver Plated Flatware

1863 1916

"LONG LIFE" Quality plate which will satisfy the most particular customer. It is produced with the same care, skill and attention to detail as sterling silver. Each piece is heavily plated with a uniform weight and thickness of pure silver to resist the hardest wear and ensure the longest life.

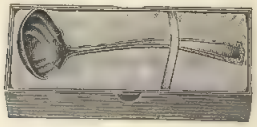
Teaspoon actual size, balance reduced size.

LA FAYETTE PATTERN
French Gray

Fancy pieces put up in lined boxes

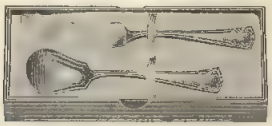
COLD MEAT FORK

No. 12976 Silver tines, each $2.50
No. 12977 Gilt tines, each 2.80



LADLES

No. 12980 Cream, Silver bowl, each $2.40
No. 12981 Cream, gilt bowl, each 2.70
No. 12982 Gravy, silver bowl each 3.30
No. 12983 Gravy, gilt bowl each 3.77
No. 12984 Medium, silver bowl, each 8.35



BUTTER KNIFE AND SUGAR SHELL

No. 12987 Plain, per set $3.40
No. 12988 Gilt, per set 3.80

SIX ORANGE OR GRAPE FRUIT SPOONS

No. 12991 Silver bowls, per set $6.00
No. 12992 Gilt bowls, per set..... 7.20

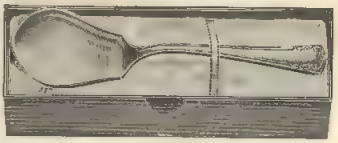
SIX BUTTER SPREADERS

No. 12995 Silver blades, per set.....$7.60

SIX OYSTER FORKS

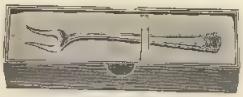
No. 12996 Silver tines, per set.....$5.60

No.		Dozen
12966	Tea spoons	$ 8.15
12967	Dessert spoons	15.70
12968	Table spoons	18.30
12969	Dessert forks	
	spoon handl	15.70
12970	Medium forks	
	spoon handle	18.30
12971	Sugar shells	18.80
12972	Butter knives	21.60
12973	Coffee spoons	9.40
12974	Pie servers hollow handle	5.60
12975	Sugar tongs	2.65



BERRY SPOONS

No. 12978 Silver Bowl, each $3.60
No. 12979 Gilt bowl, each 4.05

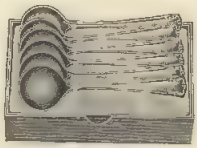


PICKLE FORK

No. 12985 Silver tines, each $1.50
No. 12986 Gilt tines, each 1.70

SIX INDIVIDUAL SALAD FORKS

No. 12989 Silver tines, per set $8.60
No. 12990 Gilt tines, per set 9.80

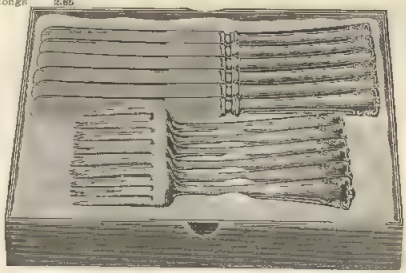


SIX BOUILLON SPOONS

No. 12993 Silver bowls per set $8.00

SIX SOUP SPOONS

No. 12994 Silver bowls, per set $9.20



KNIFE AND FORK SET

6 Hollow Handle knives. 6 Flat Handle Forks.

No. 12997 Medium, per set $23.60
No. 12998 Dessert, per set 21.95

For Child and Baby Sets to Match see Page 480.

Alvin Silver Plated Flatware

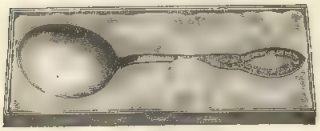
1863 1916

"LONG LIFE" Quality plate which will satisfy the most particular customer. It is produced with the same care, skill and attention to details as sterling silver. Each piece is heavily plated with a uniform weight and thickness of pure silver to resist the hardest wear and ensure the longest life.

Teaspoon actual size, balance reduced size.

DIANA PATTERN
French Gray Finish.

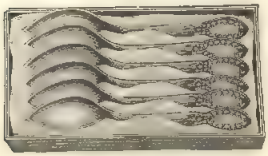
Fancy pieces put up in lined boxes.



BERRY SPOON, LARGE

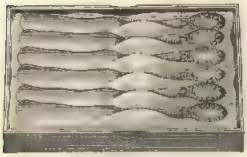
No. 13017 Silver bowl . . . . . each $3.60
No. 13018 Gilt bowl . . . . . each 4.05

FOR CHILD AND BABY SETS TO MATCH SEE PAGE 480



SIX ORANGE SPOONS

No. 13021 Silver bowls . . . . . per set $6.00
No. 13022 Gilt bowls . . . . . per set 7.20

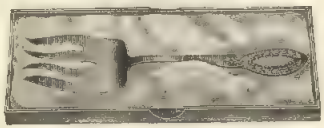


SIX BUTTER SPREADERS

No. 13024 Silver blades.....per set $7.60

No.
13006 Tea spoons
13007 Dessert spoons
13008 Table spoons
13009 Dessert, oval spoon and fo
13010 Medium forks, Solid handl
13011 Sugar shells
13012 Butter knives
13013 Coffee spoons
13014 Pickle forks
13015 Dessert or Tea knife handle
13016 Sugar tongs

Dozen
$8.15
15.70
18.25
15.70
18.35
18.90
21.60
8.40
18.00
60.00
31.30

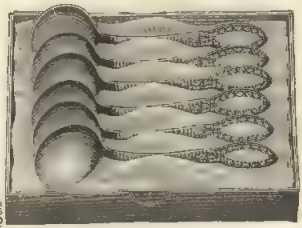


COLD MEAT FORK, LARGE

No. 13019 Silver tines . . . each $2.50
No. 13020 Gilt tines . . . each 2.80

SIX OYSTER FORKS

No. 13023 Silver tines .....per set $5.60

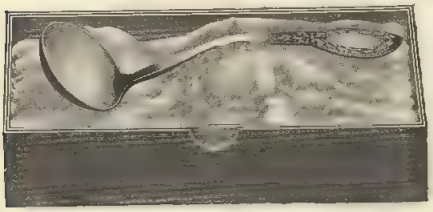


SIX SOUP SPOONS

No. 13025 Silver bowls . . . . . per set $9.20

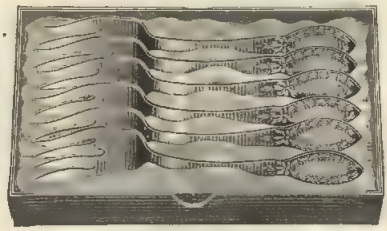
SIX BOUILLON SPOONS

No. 13026 Silver bowls .....per set 8.00



LADLES

No. 13027 Cream, silver bowl .....each $2.40
No. 13028 Cream, gilt bowl .....each 2.70
No. 13029 Gravy, silver bowl .....each 3.30
No. 13030 Gravy, gilt bowl . . . . . each 3.80
No. 13031 Oyster, silver bowl .....each 7.10
No. 13032 Oyster, gilt bowl .....each 7.80
No. 13033 Soup, silver bowl .....each 8.35



SIX INDIVIDUAL SALAD FORKS

No. 13034 Silver tines .....per set $8.60
No. 13035 Gilt tines .....per set 9.80

Start Something!

"American Beauty" Electric Irons

Electric flat irons can be sold profitably by retail hardware merchants. They are being so sold today and have been for several years.

Many other household electric heating devices, such as toasters water heaters, percolators, small disc stoves and warming pads can be sold with profit.

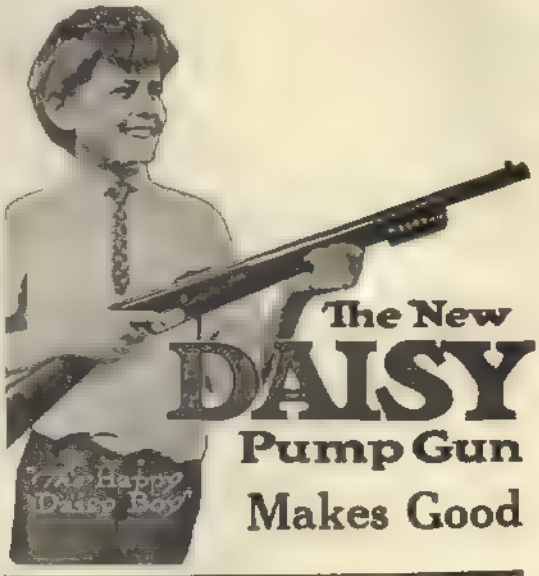
If this is a new idea in your business, start it by putting in a stock of electric irons. You can add the other devices later.

We are sure we can convince you that American Beauty irons are the ones you will like best to sell. Your efforts to sell them will receive our help—and good help—in the way of advertising matter and selling suggestions

American Electrical Heater Co.

1355 Woodward Ave., Detroit, U. S. A.

Oldest and Largest Exclusive Makers



The New DAISY Pump Gun Makes Good

Just one year ago the new **Daisy Pump Gun** was introduced to the gun world. It created an almost instantaneous sensation. Its absolutely new features—especially its pump gun action—gave the makers a pleasant surprise, as grown-up men, as well as boys, all took to this superb new air rifle.

As yet, the **Daisy Pump Gun** has not met a rival. It shoots strongly and accurately. It has just the right "hang." It has the easiest and smoothest loading mechanism ever designed for an air rifle and it may be loaded and fired with amazing rapidity. Its metal parts are all beautifully finished in gun blue. It has adjustable sights, front and rear, and its walnut stock is turned and hand polished.

The DAISY Pump Action Air Rifle

This is now the fastest and easiest selling gun of the day. Don't wait too long before ordering. Autumn is almost upon us and the holidays are not so very far off. Soon the boys will go trooping off to the woods and they will want the **Daisy Pump Action Air Rifle** to take along. They will call upon you for other Daisies too. **Are You Ready For Them?**

Our line is now complete from the **Daisy Pop Gun** at 25 cents to the **Daisy Special**, the big handsome Magazine Repeater (1,000 shots) and our **Pump Action.**

Send that large order now. There's prosperity for you in handling Daisies because they're always "best sellers." Have you our catalog? If not, write for it now.

Largest Manufacturers of Air Rifles in the World

DAISY MFG. CO., 280 Union St., Plymouth, Mich.

Mechanical Counters

We have many of these in daily service for registering production of hardware articles, punchings, stampings, and scores of other purposes. They are saving many times their cost, and are a profitable investment, not an expense. See our Exhibit at Hardware Exchange, No. 253 Broadway.

Shall we send you catalog H?

The C. J. Root Co., Bristol, Conn.

Hardware Stores Sell

Torrington VACS

There is profit and prestige in handling an article of the known worth that these vacs enjoy.

Write for booklet.

National Sweeper Company
67 Norwood St., Torrington, Conn.

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[illegible] that [illegible] are looking for. [illegible] you to sell. Wagner Hangers have many valuable and exclusive features—roller bearings [illegible] bumper on end and a cam vertical adjustment that [illegible]. Wagner tracks are bird-proof, self-cleaning, cost [illegible] and [illegible] than some others. Write [illegible] to dealers. **WAGNER MFG. CO., Dept. B, Cedar Falls, Iowa**

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[illegible] CHISEL HANDLES

J. H. O'NEIL, Jr., Successor to
R. BLISS MFG. CO., Pawtucket, R. I.

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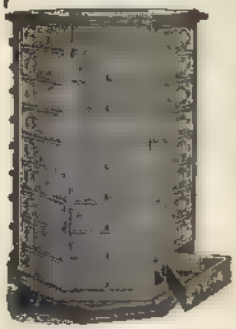

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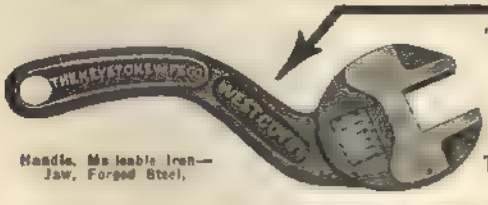
The American Bolt & Screw Case Co.
Dayton, Ohio

The Most Popular Fire Pot on the Market is the C. & L. No. 1

No. 1 Fire Pot

Because it is made of the best material and will do a larger range of work than any other. The tank is made of heavy gauge [illegible] than steel [illegible], while all rivets are the best [illegible] making it extra strong and tight. The burner is attached to the swivel allowing the user to move it up or down if desired, and is made of special [illegible] giving perfect flame of intense heat, using very little gasoline. The [illegible] removable, and the base with burner can be used as an open fire or tank only. Try the No. 1 and you will be pleased. Jobbers will supply at factory price. Send for Book No.—it's free.

CLAYTON & LAMBERT MFG. CO.
DETROIT, MICH., U. S. A.



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Send [illegible] catalogue of Mechanics' Tools.

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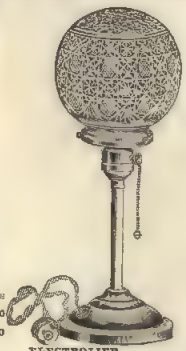
Bud Pattern
Nickle Trimmings
Beaded Fringe
Complete with Attachments
No. A16564 Height 14½ inches $18.60
No. A16565 Height 16½ inches 25.80



ELECTROLIER
India Pattern
Nickle Trimmings and stand
Complete with Attachments
No. A16560 Height 16½ inches $19.85

ELECTROLIER
Dresden Pattern
Nickel Trimmings with Pendants
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No. F16567 Height 13 inches $34.42

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Bostonia Pattern
Nickle Trimmings with Pendants
Complete with Attachments
No. F16568 Dart, no prisms $17.72
No. F16569 24 prism pendants 19.80
No. F16570 30 prism pendants 21.87

ELECTROLIER
Lily Pattern
Nickle Trimmings
Complete with Attachments as illustrated
Height 14 inches
No. A16571 With fringe $32.00
Height 16½ inches
No. A16572 With pendants 66.67
Height 30 inches
No. A16573 With pendants 100.00

ELECTROLIER
Naples Pattern
Nickle Trimmings
Complete with Attachments.
Height 30 inches
Diameter of Globe 12½ inches.
With Pendants.
No. A16580 ..... $129.20

ELECTROLIER—Gem Pattern
Nickel Trimmings Complete with Attachments, as illustrated
No. A16574 Height 14 in. with fringe... $20.85
No. A16575 Height 16½ in., with pendants 66.67
No. A16576 Height 24 in., with pendants . 91.67

ELECTROLIER
Crown Pattern
Nickle Trimmings
Complete with Attachments, as illustrated
Height 14 inches
No. A16577 With fringe $35.00
Height 16½ inches
No. A16578 With pendants 66.67
Height 24 inches
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Jet Pattern
Nickel Trimmings. Complete with Attachments as Illustrated
Height 14½ in. Diameter of Fern, 8 in
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Latest Designs, Finest Quality and Material. Illustrations are Reduced Size.

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ALMA PATTERN
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Each $18.50

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No.	A16595 6 oz.	$9.17
No.	A16596 8 oz	$8.25
No.	A16597 12 oz	$11.67
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Capacity 8 ounces
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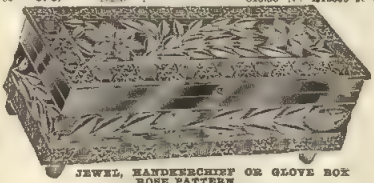
GEM PATTERN

No.	A16601	Puff Box, diameter 4 inches. Each
No.	A16602	Hair Receiver, diameter 4 inches. Each
No.	A16603	Puff Box, diameter 4½ inches. Each
No.	A16604	Hair Receiver, diameter 4¾ inches. Each

$5.67 $5.67 $9.42 $9.42



JEWEL, HANDKERCHIEF OR GLOVE BOX
ROSE PATTERN
Quadruple Silver Plated Band

No.	A16605	Jewel Box, 5x3½x3¼ inches. Each
No.	A16606	Handkerchief Box, 7¼x4¼x1¾ inches. Each
No.	A16607	Glove Box, 11x5¼x3 inches. Each

$20.00 $37.50 $41.67

PUFF BOX OR HAIR RECEIVER
CHICAGO PATTERN

No.	F16608	Puff Box, diameter 3½ inches. Each
No.	F16609	Hair Receiver, diameter 3½ inches. Each
No.	F16610	Puff Box, diameter 4¼ inches. Each
No.	F16611	Hair Receiver, diameter 4¼ inches. Each

$2.85 $2.85 $5.25 $5.25

JEWEL BOX
ALMA PATTERN
Length 6¾ inches, width 3⅛ inches. Height 3 inches.
No. B16612. Each $6.67

JEWEL BOX
ROSE PATTERN
Quadruple Silver Plated Band

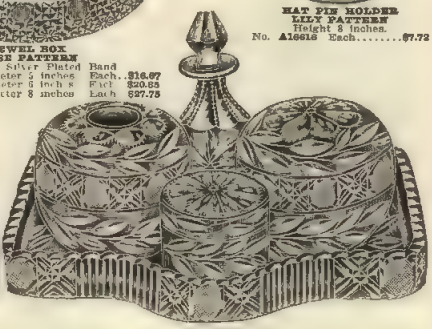
No.	A16613	Diameter 5 inches. Each	$16.67
No.	A16614	Diameter 6 inches. Each	$20.83
No.	A16615	Diameter 8 inches. Each	$27.75

HAT PIN HOLDER
LILY PATTERN
Height 8 inches.
No. A16616 Each $7.72

DRESSER SET
AMETHYST PATTERN

No.	B16617	Hair Receiver, diameter 3¾ inches. Each
No.	B16618	Puff Box, diameter 3¾ inches. Each
No.	B16619	Salve Jar, diameter 2½ inches. Each
No.	B16620	Cologne. Capacity 3 ounces. Each
No.	B16621	Tray, 8x10 inches. Each
No.	B16622	Complete Set

$ 5.25 $ 5.25 $ 3.10 $ 4.20 $12.50 $30.30



DRESSER SET
ALPHA PATTERN

No.	A16623	Puff box, diameter 3¾ inches. Each
No.	A16624	Hair Receiver, diameter 3¾ inches. Each
No.	A16625	Salve Jar, diameter 2½ inches. Each
No.	A16626	Cologne, capacity 3 ounces. Each
No.	A16627	Tray 8x10 inches. Each
No.	A16628	Complete Set

$6.25 $6.25 $5.25 $6.25 $15.75 $39.70

American Hand Painted and Gold Etched Art China

The Finest Line of Decorated China Made. Each Piece is Absolute Perfection. The Subjects are Treated Naturally and Gold is Used Without Stint. COST—Not a Consideration. RESULTS—Best on the Market.

SPOON TRAY
All gold etched outside; pearl finished inside.
Length 10 inches.
No. 16790 Each..... $2.90

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All gold etched inside and outside.
Length 6½ inches
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All gold etched inside and outside.
Height 4 inches
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All gold etched inside and outside.
Height 4½ inches
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SUGAR AND CREAM SET
All gold etched inside and outside.
Height 3½ inches.
No. 16794 Per set..... $11.35

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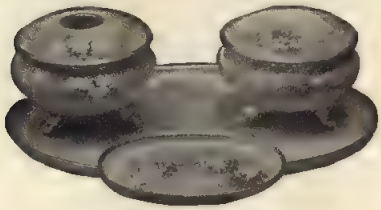
Gold etched inside and outside.
Height 4⅝ inches
No. 16795 Each..... $3.90

COFFEE SET—3 PIECES
Enameled De Arabia decorations. Height of coffee pot 8 inches, height of sugar and creamer 5 inches

No. 16796	Set complete as illustrated	$22.25
No. 16797	Tray to match, diameter 11 inches	10.65
No. 16798	Sugar and cream only, per set	11.10

SUGAR SHAKER
All gold etched
Height 3¾ inches
No. 16799 Each..... $4.45

Salt and Pepper to Match
All gold etched
Height 3 inches.
No. 16800 Per pair..... 3.85

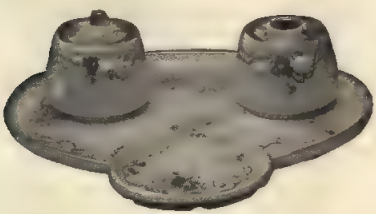


DRESSER SET
Forget-me-not and gold decorations.

No. 16801	Hair receiver, height 3½ inches, each	$ 6.67
No. 16802	Puff box, height 2½ inches, each	6.67
No. 16803	Pin tray, length 5 inches, each	2.00
No. 16804	Dresser tray, length 12 inches, each	9.10
No. 16805	Set complete, 4 pieces	24.44

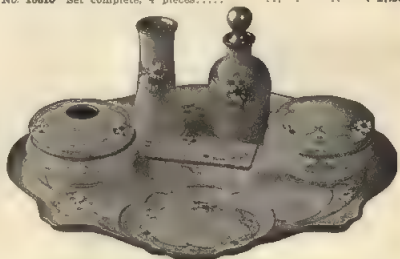
DRESSER SET
Forget-me-not or violet decorations

No. 16806	Hair receiver, height 3 inches, each	$ 3.95
No. 16807	Puff box, height 3 inches, each	3.95
No. 16808	Pin tray, length 5 inches, each	2.00
No. 16809	Dresser tray, length 13 inches, each	8.00
No. 16810	Set complete, 4 pieces	17.90



DRESSER SET
French rose and gold decorations.

No. 16811	Hair receiver, height 2⅞ inches, each	$ 3.60
No. 16812	Puff box, height 2⅝ inches, each	3.60
No. 16813	Pin tray, length 5 inches, each	1.90
No. 16814	Dresser tray, length 12 inches, each	8.00
No. 16815	Set complete, 4 pieces	17.10



DRESSER SET
Daisy and blue decorations

No. 16816	Hair receiver, height 3½ inches, each	$ 4.25
No. 16817	Puff box, height 2¾ inches, each	4.25
No. 16818	Hat pin holder, height 5 inches, each	3.95
No. 16819	Cologne bottle, height 5¼ inches, each	4.25
No. 16820	Hair pin box, length 3¾ inches, each	3.95
No. 16821	Pin tray, length 5 inches, each	2.10
No. 16822	Dresser tray, 12¼x15 inches, each	11.00
No. 16823	Set complete, 7 pieces	32.75

AMERICAN MADE "QUALITY" COMPASSES

"LITENITE"—FOR DAY OR NIGHT

NO. 13 LITENITE

The North and South points are prepared with a radio-active compound, permanently luminous, which can be plainly seen in the dark.

The dial is of "floating" design and the magnetic needle is attached to the under side. When the dial settles, all the magnetic directions are accurately read.

The center is jeweled and the "stop" will lock jewel and point when not in use.

No. **13.** White metal, front 1⅛ inches **$2.00**

NO. 17 CEEBYNITE

Do not "test" the "Litenite" for its luminous power in the daytime as the eyes are not in the condition they are at night. If you will say twenty minutes in a dark room, the luminous points will appear quite bright and will increase in luminosity the longer you stay.

"CEEBYNITE"

No. **17S.** A "Litenite," in hunting case, white metal, front 1⅝ inches... **$3 00**
No. **17G.** A "Litenite," in hunting case, gold filled, front 1⅝ inches..... **5.00**

SHORT & MASON'S ENGLISH COMPASSES

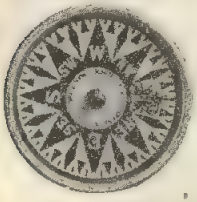
MILITARY PATTERN

Short & Mason make the finest and most accurate compasses in the world. Our supply of the well known "Military Model" is limited and no more can be imported until after the war is over.

No. **66.** Bronze metal case with hinged cover, silvered metal dial, with full divisions, bar needle, jeweled cap, needle stop operated by cover. 1½-inch dial..... **$5.00**

No. **67.** Like No. 66 but with 2-inch dial..... **7.00**

No. **69.** Of the same construction as No. 66, but fitted with floating aluminum dial, luminous North and South points and luminous line in lid. Dial 2 in..... **$9.00**



"BOY SCOUT" ALUMINUM COMPASS

The distinguishing feature of this compass is the aluminum card dial which is a reproduction of a regular ship's compass in its markings. The dial, case and slip on cover are made of aluminum, the diameter of the latter being 1¾ inches. The dial is a "floating" pattern, making it easy to read all the magnetic directions without effort.

No. **B8.** Weight ½ oz..... **$ .30**

MARBLE'S HANDY COMPASS

This compass excels all others in point of convenience, as it pins to coat, vest or belt, and is always in sight. It is a stout, serviceable little instrument and is remarkably accurate. Boxes are 1½ inch diameter. The dial is plainly printed and can be read at a glance. When entirely dependent upon a compass, it's handy to always have it in sight.

No. **182.** The needle is mounted on an agate..... List **$1.25** Net **$1 15**
No. **082.** In this model the dial itself revolves..... List **1 50** Net **1.35**

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

INGERSOLL WATCHES

Watches are illustrated about ¾ size

YANKEE

JUNIOR

RELIANCE

"YANKEE"

The Yankee is now full stem wind and pendant set, and is fitted with the improved 16-size (men's size) movement, the finest ever used in a watch of its price. Case is smaller and thinner than any previous model, and has a close fitting snap back and bezel that is substantially dust and moisture proof.

No. **Y.** Nickel case..... **$1 00** No. **YG.** Gun metal finish..... **$1 00**
No. **Y3.** With luminous dial. **2.00** No. **Y5.** With luminous dial ... **2.00**

"TRIUMPH"

A new 16-size, low priced watch, with the refinements of higher-priced models. Fitted with antique bow, special dial, snap back and dust-proof bezel.

No. **T.** Nickel case... ..... **$1.25** No. **TG.** Gun metal finish..... **$1.25**

"ECLIPSE"

There isn't a better timekeeper made than the Eclipse. It is thinner and weighs less than formerly, which gives it very graceful and attractive lines. It has a solid nickel case with snap back and bezel, extra close fitting.

No. **E.** Nickel case. . . . . **$2.00** No. **EG.** Gun metal finish..... **$2.00**

"RELIANCE"

The Reliance is a 7 jewel, thin bridge model and is a very accurate timer. The movement is solid or "bridge" type of construction as employed in the best watches; the Reliance gives this type of movement for the first time in a low-priced watch. It is the watch for those who want something a little better more accurate—than a non-jeweled Ingersoll.

No. **R.** Nickel, plain or engine turned **$3 00**

"JUNIOR"

The Junior is what is known as a 12-size watch. It measures 1⅛ inches across and is very thin and compact. As a timekeeper it is extremely accurate and reliable, strong and serviceable, and its appearance very attractive.

No. **J.** Nickel case..... **$2 50** No. **JG.** Gun metal finish..... **$2.50**

"MIDGET"

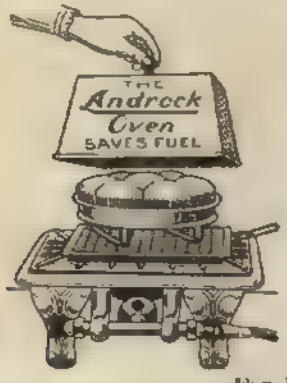
This dainty little watch is the first high-class timepiece of its kind ever sold at a popular price. It is just what the average woman or boy needs; an attractive and serviceable watch that is not too delicate and does not get out of order easily.

No. **M.** Nickel case. . . . . **$2.50** No. **MG.** Gun metal finish. **$2 50**
No. **M4.** Sterling Silver..... **4 00** No. **M5.** Gold filled..... **5.00**

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

COMBINATION OVENS

ANDROCK



For Use on Gas, Gasoline and Oil Stoves. Per Dozen

No. 816—9½x9⅝x5¼ in. Aluminized Steel Cover with Enameled Wood Handle Sheet Steel Bread Toaster Asbestos Lined Stand and 9 in. Diameter Sheet Steel Distributing Plate $10 00

Bakes potatoes, biscuits, pies, cakes, bread, etc. Roasts meats of all kinds Cooks foods and vegetables and heats three flat irons. Heats and toasts quickly

Weight Per Dozen 24 Pounds.
One Dozen in a Carton.

BROILERS

NEW PERFECTION

For Use with New Perfection Oil Cook Stoves.

Each

No. NPB—Best Quality Steel, 17¼ in. Long, 10⅛ in. Wide, 7 in. High, Blue Enameled Cover. . .82 75

No smoke or odor from the meat while broiling, as neither meat nor drip pan is placed directly over fire.

Weight Each 10 Pounds
One in a Crate

ALCOHOL CURLING IRON HEATERS

LADIES' FAVORITE

Per Dozen

No. 1210 Nickel Plated Fancy Brass Legs . . . .$. . . .

Weight Per Dozen 4 Pounds.
One-twelfth Dozen in a Box.

TOASTERS

NEW PERFECTION

For Use with New Perfection Oil Cook Stoves.

Each

No. NPT—Best Quality Steel, 13¼ in. Long, 13¼ in. Wide, 1⅝ in. High, Blue Enameled. $1.00

Four large pieces of bread may be toasted at one time. The heat is evenly distributed over entire toasting surface.

Weight Each 2 Pounds
Twelve in a Crate.

GAS HEATING BURNERS

VESUVIUS

Per Dozen

No. 1045—Cast Iron and Tin, 4⅛ in. High, 3⅛ in. Diameter Fits Any Ordinary Burners, Will Boil One Quart in Three Minutes. . . . . .$. . . .

Weight Per Dozen 5 Pounds.
One Dozen in a Box.

ALCOHOL GAS STOVES

IDEAL

Per Dozen

No. 1 Nickel Plated Brass Burner, Steel Legs, Capacity of Tank 8 Oz., Base 4⅝ in. High, 3⅛ in. Diameter . . . . . .$. . . . .

Weight Per Dozen 8 Pounds.
One-twelfth Dozen in a Box

ALCOHOL GAS STOVES

UNIVERSAL

These stoves burn denatured alcohol, converting it into gas and burning with a blue and intensely hot flame

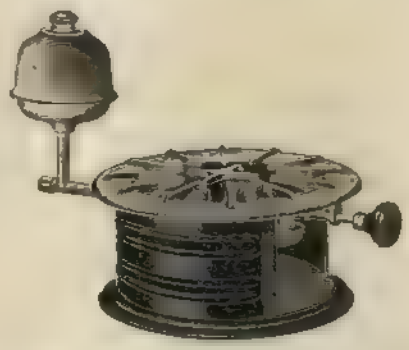
Nickel Plated, Brass Lamp, Steel Base and Shield, Cast Iron Grill, Iron Wire Holder and Grill Support.

Each

No. 0—5 ½ in. High, 6 ⅝ in. Diameter, Capacity ½ Pint, with Detachable Wind Shield to Permit its Use Out of Doors $3 00

These stoves are absolutely safe, long burning and economical

Weight Each 3 Pounds.
One in a Box.



Nickel Plated Brass Alcohol Reservoir and Burner, Japanned Sheet Steel Body.

Each

No. 10—10 ¾ in. High, 10 ¾ in. Diameter Grate. . . . $4.50

Weight Each 11 Pounds.

One in a Box.

Nos. 10, 20 and 130 stoves are equipped with the "Universal" Wickless Gravity Feed Burner, which converts denatured alcohol into gas and burns with an intensely hot blue flame

The Burner is as simple and easily operated as an ordinary gas burner It boils a quart of water at 50° F. in a few minutes It is self-cleaning, odorless and absolutely safe.

Nickel Plated Brass Alcohol Reservoir and Burners, Japanned Sheet Steel Body.

Each

No. 20—13 ¼ in. High Over All, 13 ¾ in. Wide, 21 ½ in. Long, Capacity of Tank 2 Quarts. . . . $9.00

The stove accommodates a standard bake oven and regular cooking utensils. The tank is protected by an apron which keeps the heat away from it. It is strong, safe and durable

Weight Each 30 Pounds.
One in a Box

Nickel Plated Brass Alcohol Reservoir and Burners, Heavily Galvanized Sheet Steel Body.

Each

No. 130—12 ¾ in. High Over All, 19 in. Wide, 33 ⅓ in. Long, Capacity of Tank 3 ½ Quarts, Fitted with Brass Rail for Marine Use. $18.00

The tank is large so that the stove will burn several hours without refilling. This stove is strong, safe and durable.

Weight Each 67 Pounds
One in a Box.

CANNED HEAT STOVES

STERNAU

The handles of the boiler are hinged and curved to fit closely to side.

The can and stand fit inside the boiler

The three grooves of the can fit firmly into the stand, making a rigid, non-upsettable stove that burns steadily for over an hour.

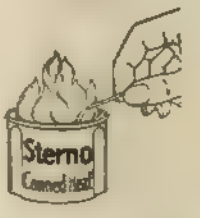
Per Dozen

No. 4001—Capacity 1 Pint, Heavily Nickel Plated Boiler, Nickel Plated Cover, with Non-Heating Ebonized Knob, Nickel Plated Collapsible Stand, Complete with 1 Can of Sterno Canned Heat. . $6 20

Weight Per Dozen 11 ½ Pounds
One-twelfth Dozen in a Box.

CANNED HEAT

STERNO



Per Dozen Cans

No. 4006—In Seamless Tin Cans, 2 ⅛ in. High, 2 ½ in. Diameter, Non-Explosive. Does not Leak, Cannot Spill when Carried, Safer than Liquid Alcohol. Keeps in all Climates. . . . . $. . . .

Sterno Canned Heat is a solid paste. All you have to do to use it is to take the lid off the can, touch a match to the paste and you have a strong, intensely hot flame.

Weight Per Dozen 4 Pounds.

One Dozen Cans in a Box.

WATER FILTERS

AQUA

Cut Shows Filter Attached to Faucet.

	Per Dozen
Aqua—Fine Quality Brass, Heavily Nickel Plated. Easily Cleaned. Will Fit any Faucet	$....

Simple in construction and easily cleaned—all that is necessary is to unscrew the lower section from the top, remove the screen, take out the dirt and germ filled cotton and refill with fresh cotton.

One Dozen in a Box.

Cut Shows No. 1 Filter and 2 Gallon Jar Set up for Family Use

FULPER GERM PROOF

Natural Stone, Germ Proof, Separate Ice Chamber, Nickel Plated Faucet.

Nos.	6	7	8	9	10	12
Filters Per Day, Gal.	3	4	6	9	13	18
Top Holds, Quarts	5	7	9	13	18	25
Bot. Holds, Quarts	8	11	15	20	26	40
Wt. Each, Lbs.	20¾	24¾	31	42½	53¼	76½
Each	$....	....	....	....	....	....

Extra Ice Chambers.

Nos.	6	7	8	9	10	12
Each	$....	....	....	....	....	....

Warranted to be absolutely germ-proof. As easily cleaned as a dish. All parts interchangeable.

One in a Crate.

PASTEUR SUSPENDED

The Pasteur Water Filters are made to conform with all requirements and are constructed to keep the water pure after it passes through the filtering tube. Users of these filters are assured freedom from typhoid fever and kindred diseases.

The filtering tubes are made in the pottery of the French company in France, and are carefully tested before being shipped, thus insuring all tubes to be germ proof.

Brass, Nickel Plated, Pure Block Tin Lined.

	Each
No. 1—11½ in. High, 2 in. Diameter Base, 1 Filtering Tube, without Cock or Storage Jar	$
No. 3—12½ in. High, 4 in. Diameter Base, 3 Filtering Tubes, without Cock or Storage Jar	

STORAGE JARS

Best Quality Bristol Stone Ware, with Cock to Draw the Filtered Water.

	Each
No. 2—Capacity 2 Gallons, 12 in. High, Diameter of Base 7½ in., without Ice Chamber	$
No. 3—Capacity 3 Gallons, 15 in. High, Diameter of Base 8¾ in., without Ice Chamber	
No. 5—Capacity 5 Gallons, 16 in. High, Diameter of Base 11½ in., without Ice Chamber	
No. 5C—Capacity 5 Gallons, 16 in. High, Diameter of Base 11½ in., with Ice Chamber	

BOUGIES

	Each
No. 10—These Bougies or Pasteur Filtering Tubes are Made of the Best Filtering Medium Known, and are Absolutely Germ Proof	$

PET COCKS

	Each
No. 15—⅜ in., Brass, Nickel Plated; This Connection can be Used by Placing a Tee to the Present Water Supply, After Removing the Cock that is Now in Use and the Pet Cock Attached to the Tee, Screwing the Present Water Cock in the Other End so as not to Interfere with Drawing Unfiltered Water	$

RUBBER RINGS

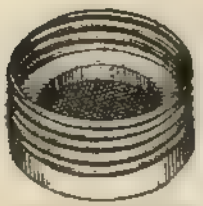
	Per Dozen
Rubber Rings—For Use with Above Filters	$

GASKETS

	Per Dozen
Gaskets—For Use with Above Filters	$

WATER FILTERS

EUREKA



Cut Shows Filter for Threaded Faucet.

Cut Shows Wire Screen and Rubber Gasket for Attaching to Plain Faucet.

Per Dozen

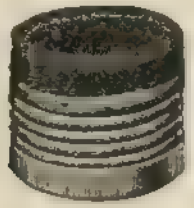
Eureka—Combined Filter and Anti-Splasher, Nickel Plated Brass and Rubber, for Threaded Faucets. Complete with Inserted Rubber Gasket for Plain Faucets ..... $

A sure trap for bugs, worms, insects and decayed vegetable matter, always prevalent in city water.

Causes a steady, Smooth stream of water to flow with absolutely no splash. It does not hang in the way of any kettle and the faucet can be cleaned without its removal

One Dozen in a Box, with Display Card

PORS-E-LENO



Per Dozen

Pors-e-Leno—Combined Filter and Anti-Splasher, Constructed of White "Pors-e-Leno," with Assorted Rubber Gaskets to Fit ½ and ⅝ in Plain Faucets ..... $

A good filter which clears the matter from the water, and absolutely stops the splash.

One Dozen on a Display Card; One Card in a Box.

CROTON

Per Dozen

Croton—Combined Filter and Anti-Splasher, Brass, Nickel Plated, Heavy Woven Wire Strainer... $

Looks well and works better. Delivers a round smooth, clean stream of water without the slightest trace of a splash.

One Dozen in a Carton.

REVERSIBLE

Per Dozen

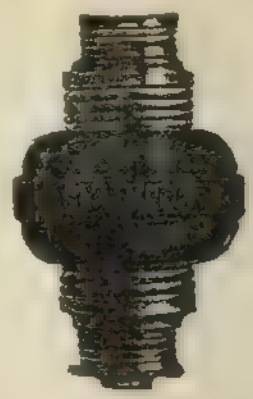
No. 3—Reversible, Self-Cleaning, Nickel Plated Brass Charcoal and Quartz Filling Will Fit Regular Size Screw Faucets and All Plain Faucets by the Use of Rubber Gaskets which are Furnished ..... $

Per Dozen

No. 2—Same as No. 3, but Larger..... .

One Dozen in a Box

HYGIENIC



Per Dozen

Hygienic Reversible, Self-Cleaning Glass Bulb, Nickel Plated Brass Metal Parts Charcoal and Quartz Filling, Will Fit Regular Size Screw Faucets and all Plain Faucets by the Use of a Rubber Gasket which is Supplied..... $

One in a Box.

GLASS GLOBE

Per Dozen

No. 6 — Reversible, Self-Cleaning, Glass Bulb, Nickel Plated Metal Parts Charcoal and Quartz Filling, Will Fit Standard Size Screw Faucets, and All Plain Faucets by the Use of Rubber Gaskets which are Supplied..... $....

One Dozen in a Box.

CANTEENS AND WATER BAGS

"GOVERNMENT" CANTEEN

This canteen is made of galvanized steel, seamed and soldered, and has cup from spout with screw cap spring. It is covered with heavy duck and has an olive drab heavy blanket. The carrying strap is made of heavy duck and is riveted to "ears" on each side of canteen.

No. G3. "Government." With screw cap. Capacity 3 pints, weight 1 lb. $1 00

No. S5. "U. S. Brand," similar to No. G3 but with cork stopper and chain. Capacity 5 pints, weight 1½ lbs. $2 00

HIKERS' CANTEEN

This canteen is made of tinned steel covered with Khaki colored canvas. The stoppers are made of Khaki webbing, fitted with double strap sewing rings on each side of the canteen. A metal screw stopper with finger pieces is provided. The Hiker is a great favorite with Boy Scouts, as it is low priced and entirely practical.

No. P. Capacity 2½ pints, weight ¾ lb. . . . . $ 50

CANTEEN, ARMY STANDARD

Made of heavy block tin with the canteen with thick absorbent felt, which should be soaked with water at time of filling. A heavy jute canvas covering is then drawn down and laced over the whole, the felt retaining the moisture, thus reducing the temperature. Can be used to suit water bag.

No. 47. Capacity about ½ gal.; weight 1¼ lbs. $2 10
No. 47G. Capacity about 1 gal.; weight 1⅝ lbs. 3 35

IMPERIAL CANTEEN

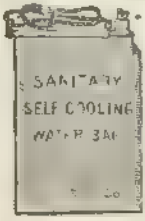
An extra large canteen for carrying ample supply of water on "Prairie Schooner." Made of galvanized steel, well soldered at the corners and with a screw mouth piece and screw cap. It is covered with heavy blanket which is held in place over by strong canvas straps made of heavy duck which possess considerable strength and the bottom of canteen, ring and mouth piece by sewers.

No. 18. Capacity 2 gals.; weight 2¾ lbs. . . $2 00

ALUMINUM CANTEEN

The sanitary and rust proof qualities of aluminum make it especially adapted for water containers for hikers, campers, etc. The cover is also provided with rings to which to attach the canteen strap.

No. A1. Round, capacity 2 pints, weight 12 ounces $2 50
No. A2. Bottle shaped, capacity 2½ pints, weight 10 ounces 2 00



SANITARY SELF-COOLING WATER BAG

The well known principle of refrigeration by evaporation has been applied to the well known Unglazed Water Bottle in the manufacture of which the finest selected clay is used, properly molded, and vitrified sufficiently to prevent the escape of water, and yet retaining just enough to moisten the outside, water oozes to the surface. The top can be completely opened for filling and easily and effectively closed.

No. 1A. Capacity about 1 gallon, weight 1 lb. $1 00
No. 2A. Capacity about 2½ gallon, weight 1 lbs. 1 35
No. 5A. Capacity about 5 gallon, weight 1 lbs. 2 25

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

FOLDING BATH TUBS

The frame is hardwood varnished. The cover, closely woven duck coated with [illegible], folds [illegible] 27x16 inches. Folded only 5½ inches.

No. 20. 10 lbs. List $12 00 Net $9 60

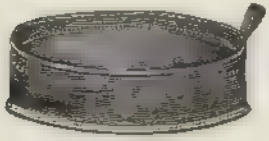
WASH STANDS

The basin of this stand is 11 inches square and made of rubberized duck. It is water tight and folds up in a very small package. Height in use 26 inches. Length when folded 36 inches by 2 inches square. Weight 2 pounds.

No. 34 List $1 00 Net* $ 80

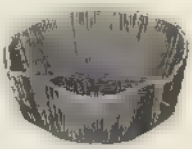
*Bath Tubs and Wash Stands are not Delivered Free

FOLDING BASINS



NO. 1C

NO. 110D



NO. 2R

No. 1C. Waterproof canvas basin, covered one piece wire [illegible] around the top. Weighs 7 ounces. Capacity, 1 gallon, 12x8 inches $ 50

No. 110D. Folding canvas basin with [illegible] flange in centre, opens 10x5, folds to about half its size [illegible] 1 00

No. 2R. Black rubber washbasin with side supports. Will fold compactly. Weighs 6 ounces, size 12x3¾ inches [illegible] 1 00

FOLDING CANVAS BUCKETS

NO. 3C

NO. 65

NO. 65S

NO. 4D

No. 3C. Made of heavy waterproof duck. Will fold into [illegible] space of [illegible] inches. Weighs 8 ounces $ 60

No. 65. This [illegible] the [illegible] prevents contents from slopping out. [illegible] 85

No. 65S. Like No. 65 [illegible] 1 00

No. 4D. Folding bucket [illegible] with metal frame, making it as stiff and rigid [illegible] Capacity 6 quarts. 1 00

No. 12D. Like No. 4D [illegible] 10 quart 1.50

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

Fine Imported Novelty and Alarm Clocks

Prices Each

No. 1193 Diabolo alarm clock . . . $3.35
Mahogany finish case with gilt bezel and bell.
Height 7 inches. Width 5½ inches.
Ivory finished dial, 4 inches.
One-day time and alarm.

DESK CLOCK (LETTER CLIP)
Case 3x4½ inches
Two-inch dial. One-day time
No. 2025 Nickel plated case . . $5.00
No. 2025½ Gold plated case . . . 5.00

DESK CLOCK (LETTER CLIP)
With calendar
Case 3x4½ inches
Two-inch dial. One-day time
No. 2026 Nickel plated case . . . $5.35
No. 2027 Silver plated case 5.85
No. 2028 Gold plated case 5.85

No. 2011 Polar Bear . . . $5.85
Porcelain case
Fine French antique gold finish.
Height 7 inches. Width 5½ inches.
2½-inch dial. One-day time

No 2009 Porcelain clock and two vases. $7.00
Clock case and vases in royal blue, decorated with embossed white figures and gold lines. Height 8 inches. Movement one-day time.

No 894 Traveling clock . $1.85
Imitation black leather case.
Height 2¾ inches. Width 2½ inches.
Two-inch ivory finished dial.
One-day time.

No 4021 Joker music alarm clock. . .$6.20
Nickel plated case.
Height 7 inches Width 5 inches.
Gilt front with handle.
Glass on two sides.
This clock plays one tune for about 10 minutes instead of ringing a bell.

No. 4223 Bahia alarm clock . . . $2.70
Brush Brass Case.
Height 8 inches. 4-inch dial.
Hammer strikes on gong. Very loud alarm.
One-day time and alarm.

No. 4277 Negress alarm clock . . . $2.85
Nickel case.
4-inch Roman or Arabic dial with negress face and moving eyes.
One-day time and alarm.
A good show window attraction.

Imported Alarm and Desk Clocks

PRICES EACH

No. 1000 **KING ALARM CLOCK—$1.50**
Good quality movement.
Nickel case. Dial 4 inches.
Nickel reflector.

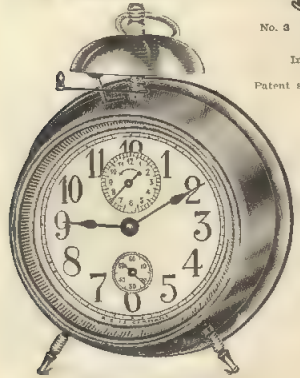
No 7132 **PICCOLO ALARM**
$3.00
(Junghans)
Highest quality movement made
Dial
Nickel seamless case.
Height 3¼ inches.
Dial 2 inches

No. 1 **GLOBE ALARM CLOCK—$1.85**
(Junghans)
Highest quality movement made
Nickel seamless case. Dial 4 inches.

DESK SWIVEL CLOCK
Height 4 inches.
Two-inch silver-plated dial.
One-day time
No 840 Nickel-plated case $2.35
No 840½ Brush brass case 2.50

No. 3 **GLOBE INTERMITTENT ALARM—$3.15**
(Junghans)
Highest quality movement made.
Intermittent alarm with bell in back
Nickel seamless case
Height 6⅛ inches. Dial 4 inches
Patent silent switch which releases automatically

No. 135 **PHONO ALARM CLOCK—$5.00**
Copper finished, dust-proof case.
Height 7 inches.
Arabic dial 4 inches
Alarm clock with a novel sound producer on the same principle as the sounding disc of a telephone bell and consists of a hammer striking on a bell and striking on a disc and a horn, similar to phonograph horn, increases the sound and throws it directly at the sleeper. The noisest "sleep dispeller" ever made.
(The most powerful alarm made)



No. 175 **VICTORIA ALARM CLOCK—$2.15**
(Junghans)
Highest quality movement made
Nickel case. Dial 4 inches.

TINY TIME DESK CLOCK
Height 2½ inches.
2-inch white dial. One-day time.
No 842 Nickel-plated case $1.15
No. 842½ Brush brass case 1.35

DOUBLE BELL ALARM CLOCK
(Junghans)
Highest quality movement made.
Dial 4 inches
No 325 Nickel case $2.60
No 325½ Copper-plated case 2.70

G.W. HUNTLEY CHICAGO

FINE ART PORTABLE LAMPS

1863 1916

PRICES EACH

Richly colored art glass panels and skirt. Height 21 inches; diameter of shade 16 inches. Two pull chain sockets. Complete with 6 feet silk cord and plug. Antique Brass or Verde Green finish.
No. 25002 Each.....$29.45

Amber colored glass panels with rich overlay Verde Antique Brass finish. Height 12 inches. One chain pull socket, silk cord and plug complete.
No. 4852 Each.....$14.20

Solid mahogany base, old rose pure silk 8-inch shade. Height 14 inches. One chain pull socket, silk cord and plug complete.
No. 4882 Each.....$15.50

Mosaic shade in amber, pink and green colorings. Height 21 inches; diameter of shade, 18 inches. Two pull chain sockets. Complete with 6 feet silk cord and attachment plug. Brushed brass and black finish.
No. 24932 Each.....$47.25

Rich amber glass and metal overlaid 14-inch shade. Height 16 inches. Two chain pull sockets, silk cord and plug. Brushed brass and black finish.
No. 4862 Each.....$15.50

Solid mahogany base, old rose pure silk 18-inch shade. Height 28 inches. Two chain pull sockets, silk cord and plug complete.
No. 4872 Each.....$46.35

Amber glass panels, fine metal overlaid 18-inch shade. Height 21 inches. Brushed brass and black finish. Two pull chain sockets, silk cord and plug complete.
No. 4842 Each.....$35.50

Amber and green glass overlaid with Grecian effect. Diameter 18 inches. Height 21 inches. Spray gold finish. Two pull chain sockets, silk cord and plug complete.
No. 4832 Each.....$40.25

Sunset Art Glass, 18-inch shade. Lace effect overlay. Height 21 inches. Spray gold finish. Two chain pull sockets, silk cord and plug complete.
No. 4822 Each.....$42.50

Sunset Art Glass, 22 inch shade, with rich metal overlay. Height 24 inches. Spray gold finish. Two chain pull sockets, silk cord and plug complete.
No. 4812 Each.....$59.20

Fine Felt Pennants, Banners and Laundry Bags

All Goods on This Page are Carried in Stock for Immediate Delivery

United States Pennants

No. N4454. United States Pennant, size 15x36 in., made of highest grade wool felt in two colors, red and blue, white facing with double ties, pure silk flag and embroidered tassels securely sewed on, the letters are of shaded gray and white felt sewed on, first class workmanship throughout. Per dozen..... **3.75**

No. N4450. As above, size 24x60 inches. Each **.90**

No. N4451. United States Pennant, size 36x84 in., made of highest grade wool felt, in red, white and blue colors, white facing with double white ties, pure silk flag with embroidered tassels securely sewed on, also eagle design and lettering of white felt, securely sewed, first class material and workmanship throughout. Each **1.70**

No. N4453. Special Lodge Pennant, size 15x36 in., made of highest grade wool felt with felt emblems sewed on, also the initials of lodge in large felt letters sewed on. This is without doubt one of the best made and most attractive fraternal pennants to be had. We carry a stock for immediate delivery pennants for the following orders.

	Moose
Masonic	Woodmen
K. of P.	Oddfellows
Elks	Eagle

Per dozen **5.50**

No. N4382. Sewed Letter Pennants, size 12x24 in., made up of a good grade of felt in regulation colors corresponding with the title carried on the pennant, one of the colors being a facing strip full length of pennant sewed on, with letters cut out, the background showing through in contrast with the facing, making a very neat attractive double point pennant. Turned and double sewed at base with double ties, we carry in stock the following titles:

Yale	Illinois
Harvard	Indiana
Cornell	Wisconsin
Princeton	Michigan
Chicago	Iowa

Per dozen **1.90**

No. N4452. "1916" Kewped Pennant, size 12x30 in., made of highest grade wool felt in assorted bright colors with facing of white felt, double white ties, Kewped figure in colors, sewed on, figures of white felt also sewed on. Per dozen..... **2.75**

No. N4462. September Morn Banner, size 15x36 in., made of highest grade wool felt in assorted colors, with fringe bottom, with ¾ in. border of felt of a contrasting color sewed on, furnished with double loops. The figure and lettering are executed in a raised bead design tinted in an artistic manner. The outline and pose are perfect

Dozen ..... **5.75** | Each..... **.50**

Fine Felt Laundry Bags

No N4471

No N4472

No. N4471. Laundry Bag. Made of highest grade felt in an assortment of bright colors, size 17½x26 in., scalloped top and bottom sewed together, edges are featherstiched, with fine design of Chinaman tinted on felt and sewed on in the best possible manner, drawstrings of fine quality cord. A most novel, useful and attractive article and one that should meet with a big demand.

Dozen ..... **7.50** | Each..... **.65**

No. N4472. Laundry Bag, size 18x25½ in., made of highest grade wool felt in assorted colors, scalloped top and bottom with featherstitched edges in silk. The ornamentation represents a washerwoman hanging up clothes on a line, across which appears the word "LAUNDRY." The design is characteristic and complete and is tinted on felt and sewed on.

Dozen ..... **9.50** Each ..... **.80**

No. N4473. Laundry Bag, size 24x36 in., made of highest grade wool felt in assorted colors, fringe top, with featherstitched edges of fine silk. Decorated with felt roses and lettering beautifully tinted and sewed on, heavy cord drawstrings. A very elegant and appropriate design.

Dozen..... **13.00** | Each.. . . ... **1.10**

ART PROCESS AND SEWED LETTER PENNANTS

These Goods are not Carried in Stock but are Made to Order Only. Seven to Ten days are Required to Execute Orders

Pennant, Style No. 1. Art process letters on a solid color, of good quality felt with satin ribbon loops and ties.

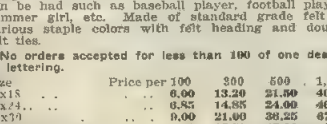
No orders accepted for less than 100 of one design of lettering.

Size	Price per 100	200	500	1,000
4x12	3.85	7.40	12.00	23.50
6x16	4.40	9.35	15.00	29.00
7x21	5.10	11.80	19.00	36.75

Pennant, Style No. 2. Art process. We make this pennant with lettering in any solid color, also with a design of the same color as the lettering. Designs can be had such as baseball player, football player, summer girl, etc. Made of standard grade felt in various staple colors with felt heading and double felt ties.

No orders accepted for less than 100 of one design of lettering.

Size	Price per 100	200	500	1,000
9x18	6.00	13.20	21.50	40.75
8x24	6.85	14.85	24.00	46.00
12x30	9.00	21.00	36.25	67.00
16x36	11.00	27.50	45.00	84.00



Pennant, Style No. 4. Colored design. Art process. The letters are made in any solid color and the design is made in various colors appropriate to the article being reproduced. Can be had in baseball player, girl in canoe, lodge emblems, college seals or any other design of similar nature. Our color work is exceedingly fine, making the pennant an attractive and ready seller. Made of standard grade felt in staple colors with felt heading and double felt ties.

No orders accepted for less than 100 of one design of lettering.

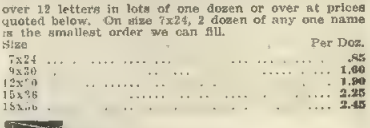
Size	Price per 100	200	500	1,000
7x21	5.75	14.25	23.00	44.00
9x18	7.40	18.00	27.85	49.00
8x24	8.25	19.25	31.25	60.50
12x30	10.50	26.50	41.75	79.75
16x36	13.25	32.00	52.25	102.00

Special Notice, When Sending Pennant Orders

Send sketch whenever possible.
State color of felt wanted.
State color of letters wanted.
Prices quoted are for single jobs.
When ordering 2 or more designs, each will be treated as a separate order and price based accordingly.
The price on 200 is double the price of 100.
Please anticipate your wants as far ahead as possible. It requires from 7 to 10 days to fill orders of this kind.

Style No. 5. Made of standard grade of felt in a large variety of staple colors. Letters are made of felt and sewed on. These pennants have felt heading with double felt ties. Sewed letter pennants are proving to be more popular every day and for low priced goods, this is one of the finest lines in the market. We will furnish these pennants with any name of not over 12 letters in lots of one dozen or over at prices quoted below. On size 7x24, 2 dozen of any one name is the smallest order we can fill.

Size	Per Doz.
7x24	.85
9x30	1.60
12x30	1.90
15x36	2.25
18x36	2.45



Style No. 7. Made of highest grade wool felt in large variety of bright and attractive colors, with felt heading and double felt ties. We will make to order any name containing not over 12 letters at prices quoted below.

For a high grade pennant this has no equal. Furthermore, we will make without any additional charge, size 12x30, 12x36, 15x36 and 18x48 with 2 color body, that is, we will make half of the body red and balance blue and sew on white felt letters, or any other combination of 2 colors

In ordering state kind of pennant wanted.

Size	Per Doz.
7x24	1.20
9x30	2.00
12x30	2.40
12x36	3.25
15x36	3.85
18x36	4.00
18x48	5.95

Special Note - Price

Prices quoted both on No. 5 and No. 7 pennants are for words containing not over 12 letters and to be made on one line. There will be an additional charge of 1½ cts. a dozen for each extra letter where additional letters are used. Monograms or special arrangements of words will be charged extra. If you have anything special, send in your sketch and state quantity and size wanted and we will be pleased to quote prices.

Special Note - Time

It requires from 7 to 10 days' time to fill made to order pennants so please anticipate your wants. If you are ordering other goods besides pennants, it will be advisable to have the regular goods go forward at once and let the pennants follow when ready, so as not to delay your order.

Athletic Supporters.

P. & S.

STAR AND CRESCENT

For Light and Quick Work.

3 in. All Elastic Waist Band, 2½ in. Special Elastic Web Leg Straps, Extra Long Pouch, Bulged and Shaped with Edges, Especially Hemmed and Bound to Prevent Stretching Out of Shape, Double Lock Stitched Unions and Joinings

		Per Dozen
No. 5	Non-Elastic Velvet Pouch	$10.00
No. 6	Double Thickness Lisle Pouch	8 90
No. 7	Single Thickness Lisle Pouch	8 90
No. 8	Open Mesh English Linen Pouch	8 90

Sizes: Small, 28 to 32; Medium, 30 to 36; Large, 34 to 40

PENNANT WINNER

For Base Ball Players

3 in. Special Web Weave Double Strength Elastic Waist Band, with Interlined Center Piece in Front, 2½ in. Special Web Weave Double Strength Elastic Leg Straps, 6 in. Bellied Pouch, Triple Lock Stitched Joinings.

		Per Dozen
No. 9	—Non-Elastic Velvet Pouch	$10 00
No. 10	Double Thickness Lisle Pouch	8 90
No. 11	—Single Thickness Lisle Pouch	8 90
No. 12	Open Mesh English Linen Pouch	8 90

ADONISBELT

General Gentlemen's Belt.

3 in. Waist Band, 2 in. Leg Straps, Specially Woven from the Very Finest Mercerized Yarns and the Best Quality Rubber, Reinforced Satin Center Piece, Quadruple Locked Stitched to the Elastic Waist Band Bellied Pouch, Three Plated Patent Glove Fasteners on Pouch and Waist Band Permitting Partial or Instant Removal of Garment

		Per Dozen
No. 14	Special Pink Web Silk Pouch	$26 65
No. 13	Open Mesh English Linen Pouch, Same Description as No. 14, but with Regular Elastic Web and Reinforced Cloth Centerpiece	13 35

ADMIRAL

For Bowling and Golf.

3 in. Special Weave Soft Elastic Web Waist Band, 2 in. Special Weave Soft Elastic Leg Straps, Detachable Pouch with Three Patent Glove Fasteners, Double and Triple Lock Stitched Unions

		Per Dozen
No. 24	Open Mesh English Linen Pouch	$12 25
No. 25	Single Thickness Lisle Pouch	12 25
No. 26	—Double Thickness Lisle Pouch	12 25

"GYM."

For All Athletics.

3 in Waist Band, 2½ in Border Web Leg Straps, Double Compartment Pouch

		Per Dozen
No. 60	Non-Elastic Velvet Pouch	$10 00
No. 61	Non-Elastic Lisle Pouch	10 00
No. 66	Non Elastic Lisle Inside, Linen Open Mesh Outside Pouch	10 00

Sizes: Small, 28 to 32, Medium, 30 to 36; Large, 34 to 40.

BLACK TOM

For Wrestling, Boxing and Heavy Work

5 in. Waist Band, Very Closely Specially Woven Gore Web of the Finest Elastic, Double Thickness Wool Tricot Pouch, Quadruple Stitched to the Belt in Front and Behind, Outer Edges of Pouch Tape Bound End of Pouch, where it Joins the Elastic Waist Band, Strongly Reinforced with an Extra Lining

		Per Dozen
No. 27	-Special Pouch, Black	$15.60

When ordering No. 27, give Exact Measurement next to the skin

When Ordering Athletic Supporters, Specify Sizes Wanted.

Suspensories.

PERFECT

Nos. 15 to 18

		Per Dozen
No. 15	Plain Cotton Sack, Non-Elastic Band	$3 45
No. 16	Fancy Cotton Sack, Non-Elastic Band	4.00
No. 17	Fancy Silk Sack, Non-Elastic Band	4 65
No. 18	Pink Plain Silk Sack, Non-Elastic Band	4 65

Assorted Sizes, Small, Medium and Large

Nos. 30 to 34

ARMY AND NAVY

Seamless Sack, Indestructible Leg Straps, Made with 5 in. Genuine Lined Strips of Double Thickness, Sewed to Pouch and Elastic Extending from Linen Tape to Center Piece.

		Per Dozen
No. 30	Lisle Sack, Non Elastic Waist Band and Understraps	$3 35
No. 31	Cotton Sack, Non-Elastic Waist Band and Understraps	4 00
No. 32	Lisle Sack Elastic Waist Band and Understraps	6 10
No. 33	Fancy Mesh Sack, Elastic Waist Band and Understraps	6 65
No. 34	Silk Sack, Silk Elastic Waist Band and Understraps	9 45

Assorted Sizes, Small, Medium and Large.

Bandages.

Ankle Bandages.

		Each
No. 1	Cotton Thread	$3 .35
No 2	Silk Thread	4 00

In ordering, give Circumference around ankle and over instep and state if Light or Strong Pressure is wanted

Knee Cap Bandages.

		Each
No. 5	Cotton Thread ...	$3 35
No. 6	Silk Thread	4 00

In ordering, give Circumference below knee, at knee and just above knee and state if Light or Strong Pressure is wanted

Wrist Bandages.

		Each
No. 3	Cotton Thread	$1 65
No. 4	Silk Thread	2 00

In ordering, give Circumference around smallest part of wrist and state whether Light or Strong Pressure is wanted

Elbow Bandages.

		Each
No. 7	Cotton Thread	$3 35
No. 8	Silk Thread	4.00

In ordering, give Circumference above, below and at elbow, and state whether Light or Strong Pressure is wanted

Ankle Supporters.

REACH

		Per Dozen Pairs
No. K	Brown Sheepskin	$ 8.00
No. MA	Brown Grain Leather	13.35
No L	Finest Russian Calf	18 70

When ordering, Mention Size or Send Size of Shoe

To be worn over Stocking. They relieve a pain immediately, cure a sprain in a remarkably short time, strengthen and prevent turning of ankle.

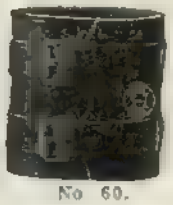
NATHAN'S PATENT, CORSET

(PATENTED)

	Per Dozen Pairs
No 5—Men's, Canvas Plain, not Ventilating without Stays	$ 5 55
No. 10—Men's, Fine Tan Leather, Plain, not Ventilating, without Stays	11.10
No. 12—Men's, Fine Canvas, Ventilating, with Bone Stays	10 55
No. 13—Boys', Fine Canvas, Ventilating, with Bone Stays	10 55
No. 15—Men's, Fine Tan Leather, Ventilating, with Bone Stays	17 20
No. 20—Ladies', Fine Tan Leather, Ventilating, with Bone Stays	16.10

Open Stock

Wrist Supporters.



No 60.

Nos. 61 to 65.

Made of High Grade Materials.

Double Straps and Buckles

	Per Dozen
No. 60—Russia Calfskin, Not Lined	$8 98

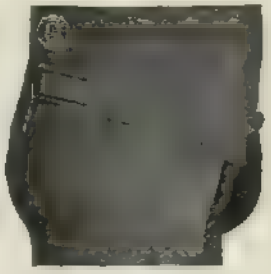
Single Strap and Buckle.

	Per Dozen
No. 61—Russia Calfskin, Not Lined	$6.15
No. 62 Black Grain Leather Leather Lined	4 50
No. 64—Brown Grain Leather, Not Lined	2.70
No. 65 Black Grain Leather, Not Lined	2.70

Open Stock.

Abdominal Guard and Supporter.

REACH



For Base Ball, Foot Ball and Polo Players, Boxers and Wrestlers.

		Each
No. 76	Aluminum, Best Leather Covered, Will not Interfere with the Movement of the Wearer, Quickly Adjusted and Removed, Elastic Straps, Well Ventilated	$5.33

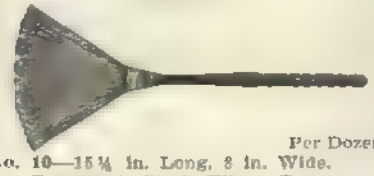
Fly Killers.

Y-R

Per Dozen

No. 1—18 in. Long, Tinned Wire, Enameled Wood Handle...$1 70
Weight Per Dozen About 1 Pound.
One Dozen in a Box, with Display Stand.

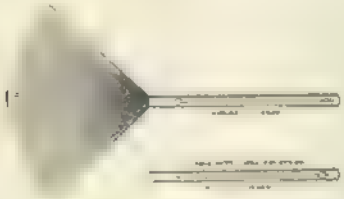
OSBORN



Per Dozen

No. 10—15¼ in. Long, 8 in. Wide, Tempered Steel Wire, Enameled Wood Handle.....$2.25
Weight Per Dozen About 2 Pounds
One Dozen in a Box, with Display Stand.

B-A



Per Dozen

No BA 13¼ in. Long When Open, 7 in Long When Closed, Tinned Steel Spring Wire, Oxidized Nonrustible Metal Handle.... $1 90
This Killer can be folded when not in use and carried in the pocket like a lead pencil.
Weight Per Dozen About ¾ Pound
One Dozen in a Box.

KING

Per Dozen

No. 3—17½ in. Long, 5 in. Wide, Black Wire, Enameled Wood Handle $1 70
Weight Per Dozen 1 Pound.
Two Dozen in a Carton, with Display Stand to Hold Six Killers.

VELVET EDGE

Per Dozen

No. 50 —17 in. Long, 3¾ in. Wide, Black Wire with Black Velvet Sewed Around Edge, Coppered Wire Shank, Enameled Wood Handle $1.45
Weight Per Dozen 2½ Pounds.
One Dozen in a Box.

SHURKIL

Per Dozen

No. 100—16 in. Long One Piece of Wire Doubled Over and Securely Gathered Under Tin Shield, Coppered Steel Wire Handle $1 80
Weight Per Dozen 3½ Pounds
Two Dozen in a Carton.

PERFECT

Per Dozen

No. 5—16 in. Long, 4¾ in. Wide, Black Wire Screen, Coppered Wire Handle 80 80
Weight Per Dozen About ¾ Pound
Three Dozen in a Box.

JACKSON

Per Dozen

No. 4—15½ in. Long 4¾ in. Wide, Black Screen with Selvedge Edges and Cloth End, Steel Spring in Center, Enameled Wood Handle $1 70
Weight Per Dozen 1 Pound
One Dozen in a Carton

SHURKIL FLY KILLER ASSORTMENTS

Per Assortment

No. 150—Assortment. Contains 24 Shurkil Fly Killers, in an Attractive Colored Japanned Stand $4.00
Weight Per Assortment About 5 Pounds

One Assortment in a Box.

Fly Traps.

ATWATER

All Galvanized.

Per Dozen

No. 30—20 in High, 12 in Diameter at Bottom, 9 in Diameter at Top, Galvanized Wire and Frame $17 80
Wt Per Dozen About 90 Pounds
One-half Dozen in a Box

WAGNER

Galvanized Steel Frame.

Per Dozen

No. 200—22 in. high, 11½ in. Diameter Cone, Removable Cover, Best Quality Wire Screen Sides and Cone $17 80
Wt. Per Dozen About 60 Pounds
One Dozen in a Case, Knocked Down

BALLOON

Per Dozen

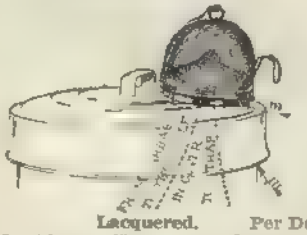
No. 15—Tinned Wire Stained Wood Base . . . $2 50

Weight Per Dozen 7 Pounds

One Dozen in a Box

Fly Traps.

EXTERMINATOR



Lacquered. Per Dozen

No. 25—14¾ in. High, 5 in. Diameter, Wire Screen Cone and Cover, Tin Base with Extra Base for Fastening to Garbage Cans $4 50
Weight Per Dozen 6 Pounds.
One Dozen in a Box.

Fly Killer.

WONDER

Per Dozen

Wonder—4¼ in. Lithographed Tin Pan, Perforated Top, Felt Pad, to be Filled with Water.....$1 90
Weight Per Dozen About 2 Pounds.
One Dozen in a Box.

HARPER'S

Per Dozen

No. 20—Black Painted Wire, Stained Wood Base $2 60
Weight Per Dozen 9 Pounds
One Dozen in a Box.

Slaw Cutters.

Sanitary Metal Bed, Triple Tinned.

Per Dozen

No. 631 6⅝x18 in., One Adjustable Knife.....$7.25
Weight Per Dozen About 28 Pounds.

Sanitary Metal Bed, Triple Tinned.

Per Dozen

No. 632 6⅝x19½ in., Two Adjustable Knives... .80.35
Weight Per Dozen About 30 Pounds.

One-half Dozen in a Box.

Regular Pattern.

Per Dozen

No. 623—6x16 in., One Adjustable Knife, Hardwood Frame, Smooth Finish.....$4.00
Weight Per Dozen About 24 Pounds.

Regular Pattern.

Per Dozen

No. 626—6x17½ in., Two Adjustable Knives, Hardwood Frame, Smooth Finish.....$5.60
Weight Per Dozen About 28 Pounds

One Dozen in a Crate.

Corn Poppers.

ROUND

Stained Wood Handle.

Per Dozen

No. 2—1 Quart, Round Wire Basket, Wire Braced, Tin Lid $2 00
Weight Per Dozen About 5½ Pounds
Six Dozen in a Box.

SQUARE

Stained Wood Handle.

Per Dozen

No. 1—1 Quart, Square Wire Basket and Lid, Wire Braced $1.80
Weight Per Dozen About 5½ Pounds
Six Dozen in a Box.

EXTRA LARGE

Square Wire Basket and Lid, Screw Stained Wood Handle.

Nos.	6	7	8
Capacity, Quarts	1½	2	4
Ap. Weight Per Dozen, Lbs.	6	7	15
Per Dozen	$2.50	3.00	6.00

Nos. 6 and 7, Six Dozen; No. 8, Two Dozen in a Box.

DELPHOS

Uniform Black Steel.

Per Dozen

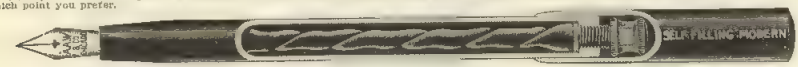
No. 4—4 Quarts, Wired Around Top, Perforated Cover, with Improved Device for Opening, Preventing Burning of Fingers..... .. $3.35
Weight Per Dozen About 19 Pounds

One Dozen in a Carton.

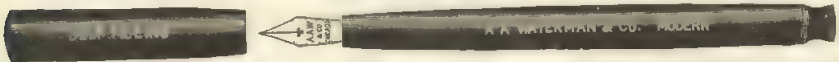
A. A. Waterman & Company Self-Filling Fountain Pens

Fully Guaranteed — Illustrations Show Exact Size

All styles and sizes of pens are supplied with either Fine, Medium, Coarse, or Stub points as desired. **Be careful to always state in your order which point you prefer.**



Cut Showing Self Filling Device.



No. 5467	Fitted with No. 2-14K solid gold pen in black mottled or chased holder, each	$ 4.65
No. 5468	Fitted with No. 3-14K solid gold pen in black mottled or chased holder, each	5.65
No. 5469	Fitted with No. 4-14K solid gold pen in black mottled or chased holder, each	6.95
No. 5470	Fitted with No. 5-14K solid gold pen in black mottled or chased holder, each	8.20
No. 5471	Fitted with No. 6-14K solid gold pen in black mottled or chased holder, each	9.25
No. 5472	Fitted with No. 7-14K solid gold pen in black mottled or chased holder, each	11.65
No. 5473	Fitted with No. 8-14K solid gold pen in black mottled or chased holder, each	13.90

FITTED WITH 18K GOLD FILLED PLAIN OR CHASED BAND ⅝ INCH WIDE

No. 5474	Fitted with No. 2-14k solid gold pen with ⅝ inch chased or plain band, each	$6.95
No. 5475	Fitted with No. 3-14K solid gold pen with ⅝ inch chased or plain band, each	8.20
No. 5476	Fitted with No. 4-14K solid gold pen with ⅝ inch chased or plain band, each	9.25
No. 5477	Fitted with No. 6-14K solid gold pen with ⅝ inch chased or plain band, each	11.65

FITTED WITH 18K GOLD FILLED PLAIN OR CHASED BAND ¾ INCH WIDE

No. 5478	Fitted with No. 2-14K solid gold pen with ¾ inch chased or plain band, each	$ 8.20
No. 5479	Fitted with No. 4-14K solid gold pen with ¾ inch chased or plain band, each	10.35
No. 5480	Fitted with No. 6-14K solid gold pen with ¾ inch chased or plain band, each	12.75

Complete pen with 18-K gold filled finish.

No. 5481	Fitted with No. 5-14K solid gold pen full mounted as per cut	$20.85
No. 5482	Fitted with No. 5-14K solid gold pen full mounted as per cut	18.50

Complete pen with solid sterling silver finish.

No. 5483	Fitted with No. 5-14K solid gold pen full mounted as per cut	16.25
No. 5484	Fitted with No. 5-14K solid gold pen full mounted as per cut	11.65

No. 5485	Fitted with No. 5-14K solid gold pen. 18K gold filled as per cut	$26.05

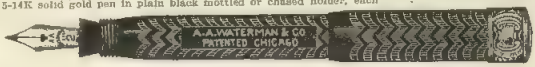
SAFETY NON-LEAKABLE SELF-FILLING FOUNTAIN PENS.
Illustrations exact size. Prices each.

LONG HOLDERS

No. 5486	Fitted with No. 2-14K solid gold pen in plain black mottled or chased holder, each	$5.85
No. 5487	Fitted with No. 3-14K solid gold pen in plain black mottled or chased holder, each	6.95
No. 5488	Fitted with No. 4-14K solid gold pen in plain black mottled or chased holder, each	8.20
No. 5489	Fitted with No. 5-14K solid gold pen in plain black mottled or chased holder, each	9.25

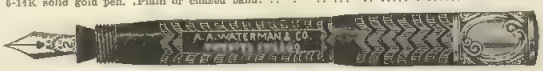
SHORT HOLDERS

No. 5490	Fitted with No. 2-14K solid gold pen in plain black mottled or chased holder, each	$5.85
No. 5491	Fitted with No. 3-14K solid gold pen in plain black mottled or chased holder, each	6.95
No. 5492	Fitted with No. 4-14K solid gold pen in plain black mottled or chased holder, each	8.20
No. 5493	Fitted with No. 5-14K solid gold pen in plain black mottled or chased holder, each	9.25



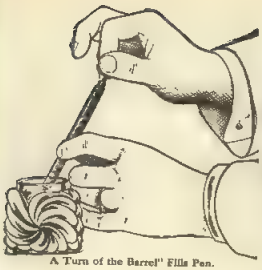
FITTED WITH 18-K GOLD FILLED BANDS CHASED OR PLAIN ⅜ INCH WIDE. SHORT HOLDERS

No. 5494	Fitted with No. 2-14K solid gold pen. Plain or chased band	$ 8.20
No. 5495	Fitted with No. 3-14K solid gold pen. Plain or chased band	9.25
No. 5496	Fitted with No. 4-14K solid gold pen. Plain or chased band	10.45
No. 5497	Fitted with No. 6-14K solid gold pen. Plain or chased band	11.65



FITTED WITH 18-K GOLD FILLED BANDS. CHASED OR PLAIN ⅝ INCH WIDE. SHORT HOLDERS

No. 5498	Fitted with No. 2-14K solid gold pen. Plain or chased band	$ 9.25
No. 5499	Fitted with No. 3-14K solid gold pen. Plain or chased band	10.45
No. 5500	Fitted with No. 4-14K solid gold pen. Plain or chased band	11.65
No. 5501	Fitted with No. 5-14K solid gold pen. Plain or chased band	12.75



A Turn of the Barrel" Fills Pen.

"THE Autofiller" Pen

FILLS AND CLEANS ITSELF

The "Autofiller" Way Cleans and Fills Instantly

Non-Leakable New Safety Cap

Illustrations Show Actual Size

No Metal Parts to Spoil the Rubber.

No Springs to Get Out of Order.

No Taking Apart.

Simplest and Most Perfect Self-Filling and Non-Leakable

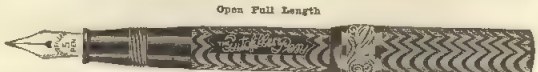
About 4 Inches Long When Closed

Closed

No. 5447½ For vest pocket or ladies' bag. No. 2 pen, each..... $3.35
No. 5448 For vest pocket or ladies' bag, with No. 3 pen, each..... 5.00
No. 5449 For vest pocket or ladies' bag, with No. 5 pen, each..... 7.00

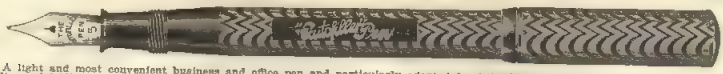
Fits any Pocket or Lady's Hand-Bag

Open Full Length

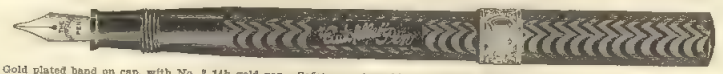


No. 5450 For vest pocket or ladies' bag. No. 3 pen gold plated band on cap, each... $7.00
No. 5451 For vest pocket or ladies' bag. No. 5 pen gold plated band on cap, each.... 9.00
No. 5452 For vest pocket or ladies' bag. No. 6 pen, gold plated band on cap, each....10.00

No. 5453 A light pen for ordinary letter writing. No. 2 gold pen, with diamond iridium points, safety non-leakable screw cap, each $3.35

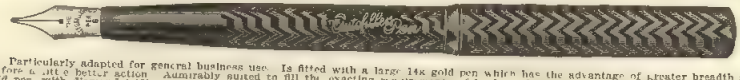


No. 5454 A light and most convenient business and office pen and particularly adapted for ladies' use. Equipped with No. 3 14k gold pen, with diamond iridium points, with safety non-leakable screw cap, each.....
No. 5455 Specially designed to satisfy all men of the business man's every requirement. Considered one of the most satisfactory pens ever placed on the market. Fitted with No. 5 14k gold pen, with diamond iridium points, with safety non-leakable screw cap, each..... $5.00 7.00



No. 5456 Gold plated band on cap, with No. 3 14k gold pen. Safety non-leakable screw cap, each..... $ 7.00
No. 5457 Gold plated band on cap, with No. 5 14k gold pen. Safety non-leakable screw cap, each..... 9.00
No. 5458 Gold plated band on cap, with No. 6 14k gold pen. Safety non-leakable screw cap, each..... 10.00

No. 5459 Two gold plated bands on barrel, with No. 3 14k gold pen. Safety non-leakable screw cap, each.....$ 7.00
No. 5460 Two gold plated bands on barrel, with No. 5 14k gold pen. Safety non-leakable screw cap, each..... 9.00
No. 5461 Two gold plated bands on barrel, with No. 6 14k gold pen. Safety non-leakable screw cap, each..... 10.00



No. 5462 Particularly adapted for general business use. Is fitted with a large 14k gold pen which has the advantage of greater breadth and therefore a softer action. Admirably suited to fill the exacting requirements of bank work or the bookkeeper. Equipped with No. 6 gold pen, with diamond iridium points, each.....
No. 5463 A large No. 7 14k gold pen, with diamond iridium points. The largest size holder, so that more ink can be held, making an extra fine pen and satisfactory in every particular, each.....$8.00 $10.00

No. 5464 Filigree pen No. 2, black holder, silver filigree casing, each..... $10.00
No. 5465 Filigree pen No. 3, black holder, silver filigree casing, each..... 12.00
No. 5466 Filigree pen No. 5, black holder, silver filigree casing, each..... 14.00
These pens are all handsomely finished and guaranteed to give satisfaction in every particular. Made with non-leakable safety cap.

Extra Quality Quadruple Silver Plated Cups

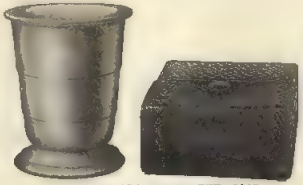
Prices Each

No. H160—$5.35
Sheffield plate, silver on nickle.
Burnished. Grape trimmed. Gold lined.
Height 3⅛ inches.

No. E6806—$4.15
Burnished. Gold lined.
Height 2¾ inches.
Silver plate on nickel silver.

No. E6808—$4.15
Burnished. Gold lined.
Height 2¼ inches.
Silver plate on nickel silver.

No. E2746 "TEDDY BEAR"—$3.75
Bears gray finish, plain parts burnished.
Gold lined. Height 2⅞ inches.



No. E6806 COLLAPSIBLE CUP—$4.15
With leatherette case.
Height open, 3⅛ inches.
Silver plate on nickel silver.

No. E3511—$3.50
Burnished. Engraved. Gold lined.
Height 3⅝ inches.

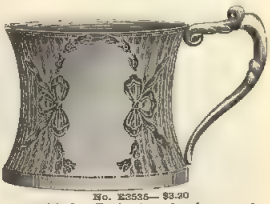
No. E2749 "MOTHER GOOSE"—$3.50
French gray finish. Gold lined.
Subjects on reverse side:
'Cock Robin' and 'Goosey Gander.'
Height 2⅝ inches.

No. E3719 A. B. C.—$3.50
Etched. French gray finish. Gold lined.
Height 2⅛ inches.

No. E3513—$3.50
Burnished. Engine turned and engraved.
Gold lined. Height 2¼ inches.

No. E3731—$3.35
Burnished. Engraved. Gold lined.
Height 2⅝ inches.

No. E3534—$3.20
Burnished. Engraved. Gold lined.
Height 2½ inches.



No. E3535—$3.20
Burnished. Engine turned and engraved.
Gold lined. Height 2⅝ inches.

No. E3831—$3.35
Burnished. Gold lined.
Height 2⅝ inches.

No. H159 CUP—$4.15
Burnished gray festoon border.
Gold lined.
Height 2½ inches.

No. E3730—$2.95
Black inlaid engraved. Gold lined.
Height 2¾ inches.

Extra Quality Quadruple Silver Plated Cups and Child's Sets

PRICES EACH

No. **E3515** **$3.10**
Burnished, engraved, gold lined
Height 2⅝ inches.

No. **E3516** **$3.10**
Burnished, engraved gold lined
Height 2⅝ inches.

No. **E1630** **$3.00**
Black inlaid, engraved, gold lined
Height 2¼ inches.

No. **E3503** **$2.95**
Burnished, engraved, gold lined
Height 3⅛ inches.

No. **E2737** **$2.75**
Burnished gold Lined
Height 2⅝ inches

No. **D538** **$2.35**
Plain, burnished.
Height 3 inches.
Sheffield design, on nickel silver

No. **E1635** **$1.00**
Satin engraved gold Lined
Height 2⅝ inches

No. **E2748** **$0.92**
Satin engraved, gold lined
Height 2⅝ inches.

No. **E2740** **$0.70**
Satin engraved, gold lined
Height 1⅞ inches.

No. **E2373 CHILD'S SET—$3.35**
Extra quality quadruple silver plated, French gray etched, nontipable plate, burnished center; diameter 7⅛ inches, height of cup 2⅛ inches; one spoon. Put up in fancy lined box

No. **E2 CHILD'S SET—$7.10**
Engraved, butler finish, cup gold lined, diameter of plate 7⅝ inches height of cup 2¼ inches. Put up in silk lined case.

Coaster Wagons.

BADGER

Nos 303 to 305

Well Seasoned Hardwood Body, Extra Heavy Wheels, with Shaved Round Spokes, ⅝x⅛ in. Bent Rock Elm Rims, ⅝x⅛ in Wrought Steel Tires, Welded and Shrunk On, Japanned Malleable Iron Hubs, Selected Stock Gear Securely Braced to Body, ⅞ in Round Steel Axles, Body and Gear Varnished on the Natural Wood, Decorated in Red and Black, Wheels Painted Bright Red

Stationary Box, Steel Tires, Wood Hubs.

	Per Dozen
No. 302½—13x28 in Box, 8 in. Diameter Wheels, Weight Per Dozen About 240 Lbs	$35.00

Removable Box, Steel Tires, Malleable Hubs.

	Per Dozen
No. 303—14x32 in Box, 10 in. Diameter Wheels, Weight Per Dozen About 390 Lbs	$53 30
No. 304—16x36 in. Box, 10 in. Diameter Wheels, Weight Per Dozen About 420 Lbs	66 70
No. 305—18x40 in. Box, 10 in. Diameter Wheels, Weight Per Dozen About 450 Lbs	80 00

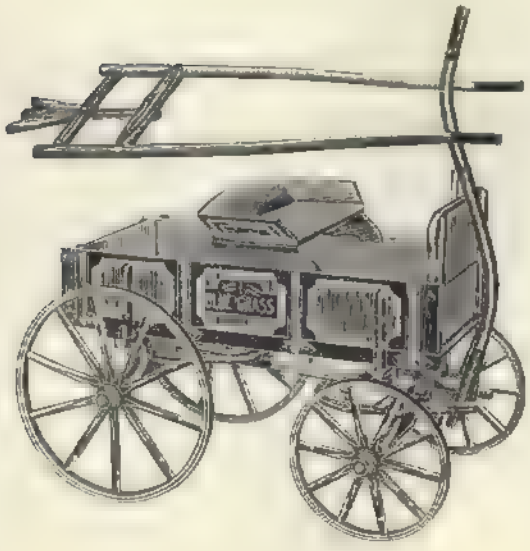
One-sixth Dozen in a Crate, Knocked Down.

	Per Dozen
Seats—For Any Size, Weight Each About 3½ Lbs	$8.35
	Per Set of Four
Steel Tire Wheels—10 in., for Nos. 303, 304 and 305 Coaster Wagons, with Old Style Wood Hubs, 3½ in. Axle Length, Weight Per Set About 7 Lbs	$2 25
Steel Tire Wheels—10 in., for Nos. 303, 304 and 305 Coaster Wagons, with Malleable Iron Hubs, 2⅝ in. Axle Length, Weight Per Set About 8½ Lbs	2 25

NOTE—When ordering Extra Wheels for Badger Coaster Wagons, be sure to specify whether same are wanted with Wood Hub or Malleable Hub

Farm Wagons.

BADGER



Hardwood Frame, Seat and Dashboard, Removable Sides and Ends, Handsomely Painted and Ornamented with Scroll Work, Hardwood Gear, Wood Wheels with Steel Hub Caps and Bands, Heavy Welded Tires and Shaved Spokes, All Parts Strongly Ironed and Braced, ⅞ in Round Steel Axles

	Each
No. 855—18x36 in Body, 14 in Diameter Front Wheels, 20 in. Diameter Rear Wheels, Complete with Hand Pull and Tongue, Seat, Side Boards, End Gate and Shaft for Dog or Goat	$11 10

Shipping Weight Each About 60 Pounds.

One in a Crate, Knocked Down

Coasters.

Nos. 31 and 32

Flat Shoes, Varnished Runners, Painted and Decorated Top

Per Dozen

No. 31—33 in. Long, 10 in. Wide, Weight Per Dozen About 70 Lbs. $5.00

Round Spring Shoes, Varnished Runners, Painted and Decorated Top.

Per Dozen

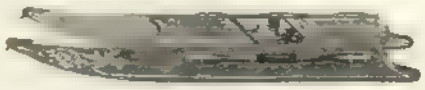
No. 33—33 in. Long, 10 in. Wide, Weight Per Dozen About 78 Lbs. $7 55

Round Spring Shoes, Varnished Runners, Painted and Decorated Top, with Side Hand Holes and Two Cross Bars.

Per Dozen

No. 32—37 in. Long, 11 in. Wide, Weight Per Dozen About 95 Lbs. $8.00

One-half Dozen in a Crate



Round Spring Shoes, Varnished Runners, Painted and Decorated Top with Two Cross Bars, Plain Hardwood Fenders.

Per Dozen

No. 035 37 in. Long, 14 in. Wide, Weight Per Dozen About 95 Lbs. $12 80

One-half Dozen in a Bundle

Round Spring Shoes, Varnished Runners, Painted and Decorated Top, with Three Cross Bars and Four Side Hand Holes.

Per Dozen

No. 36 42 in. Long, 11 in. Wide, Weight Per Dozen About 130 Lbs. $17.25

No. 37—46 in. Long, 11 ⅛ in. Wide, Weight Per Dozen About 150 Lbs. 22 25

One-half Dozen in a Crate

Round Spring Shoes, Varnished Runners, Handsomely Painted in Black, Gilt Ornamenting.

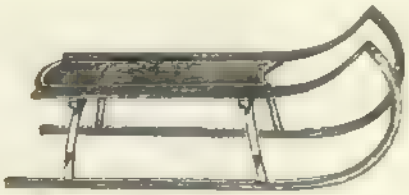
Per Dozen

No. 38—42 in. Long, 11 in. Wide, Weight Per Dozen About 140 Pounds $33 35

No. 39—47 in. Long, 13 in. Wide, Weight Per Dozen About 170 Lbs. 42 25

One-half Dozen in a Crate

Hand Sleds.



Two Bent Knees, Flat Shoes, Painted and Decorated Top.

Per Dozen

No. 01—31 in. Long, 10 in. Wide, Weight Per Dozen About 36 Lbs. $5 60

One-sixth Dozen in a Bundle.

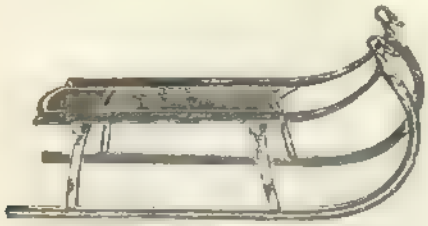
Three Bent Knees, Painted and Decorated Top, Varnished and Striped Runners, Tinned Wrought Iron Braces.

Per Dozen

No. 03—With Flat Shoes, 36 in. Long, 12 in. Wide, Weight Per Dozen About 57 Lbs. ..... $ 9 50

No. 04—With Half Oval Shoes, 36 in. Long, 12 in. Wide, Weight Per Dozen About 67 Lbs. 12 60

One-sixth Dozen in a Bundle



Two Bent Knees, Half Oval Shoes, Painted and Decorated Top, Varnished and Striped Runners, Tinned Wrought Iron Braces, Tinned Malleable Swan Heads.

Per Dozen

No. 6—33 in. Long, 12 in. Wide, Weight Per Dozen About 68 Lbs. $13.25

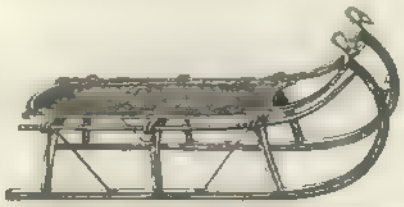
One-sixth Dozen in a Bundle.

Three Bent Knees, Half Oval Shoes, Painted and Decorated Top and Runners, Half Oval Tinned Wrought Iron Braces, Round Side Fenders, Tinned Malleable Swan Heads.

Per Dozen

No. 15—36 in. Long, 15 in. Wide, Weight Per Dozen About 75 Lbs. $18.90

One-sixth Dozen in a Bundle.



Three Bent Knees, Half Oval Shoes, Half Oval Tinned Wrought Iron Full Length Braces, Round Side Fenders.

Per Dozen

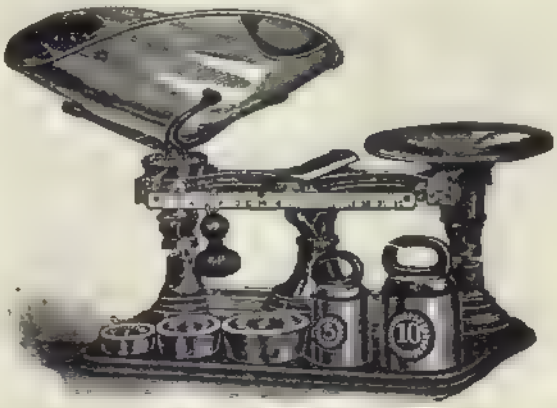
No. 17—With Painted and Decorated Top and Runners, 36 in. Long, 15 in. Wide, Wt Per Dozen About 88 Lbs. . $23.85

No. 60—Painted Throughout in Assorted Colors, Finely Decorated Top with Flowers and Landscape, Plated Draw Heads, 41 in. Long, 16 in. Wide, Weight Per Dozen About 105 Lbs. 36 70

One-sixth Dozen in a Bundle

Scales.

TROEMNER, AGATE BEARING GROCERS'



Oval Scoop.

Furnished in place of regular scoop. No extra charge.

Funnel Scoop.

Furnished in place of regular scoop at additional charge, see below.

Gold Bronzed Frame, with Black Side Beam, White Figures, Nickel Plated Solid Brass Scoop and Plate, Six Agate Bearings. Nickel Plated Weights.

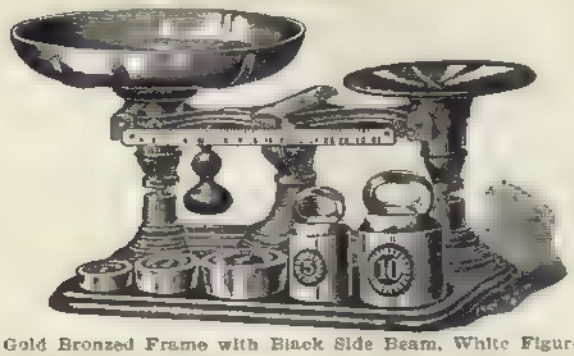
Nos.	154B	153B	152B	151B
Capacity	2 Lbs. by ⅛ Oz.	6 Lbs. by ¼ Oz.	15 Lbs. by ½ Oz.	26 Lbs. by 1 Oz.
Weight Each, Lbs.	22	30	70	110
Each	$31.60	39.40	50 90	63 35

One in a Box

EXTRA FOR FUNNEL SCOOP

For Scale No.	154 B	153 B	152 B	151 B
Each	$2 25	3 35	4 50	5 60

GROCERS'



Gold Bronzed Frame with Black Side Beam, White Figures, Nickel Plated, Solid Brass Pan and Plate, Six Agate Bearings, Nickel Plated Weights.

Each

No. 141B—13 in. Pan, Weighs 24 Lbs. by ½ Oz., Weight Each 105 Lbs. $83 35

One in a Box

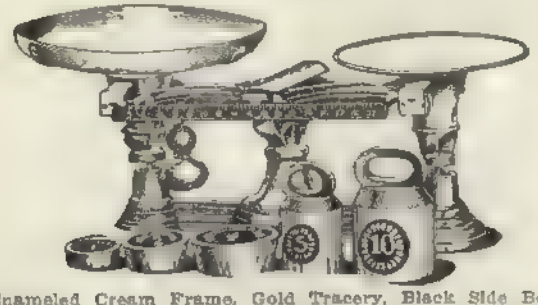
BUTTER

Enameled White Frame with Black Side Beam, White Figures, Bronze Connecting Rods, Platinum Pins, Agate Bearings One Galvanized and One Porcelain Plate, Galvanized Iron Weights

Nos.	153B	152B	151B
Weighs	6 Lbs. by ¼ Oz.	15 Lbs. by ½ Oz.	26 Lbs. by 1 Oz.
Diam. Plate, In.	8	10	13
Wt. Each, Lbs.	35	65	100
Each	$29.40	35 60	45 60

One in a Box

PACKAGE

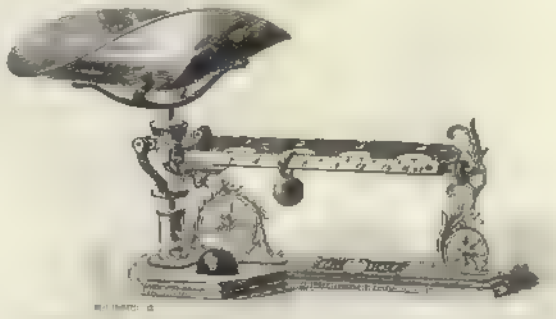


Enameled Cream Frame, Gold Tracery, Black Side Beam, White Figures, Agate Bearings, Heavy Brass Movable Pan, Nickel Plated Iron Weights. Each

No. 171B—13 in. Pan, Weighs 26 Lbs. by ½ Oz., Weight Each 100 Lbs. $50.60

One in a Box.

BALL



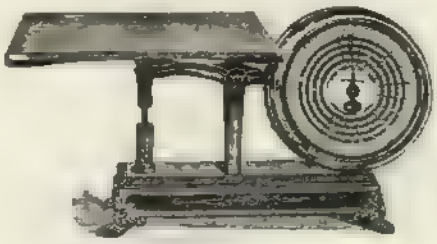
For Candy, Tea, Spices Etc. Enameled Frame, Nickel Plated Scoop, Ball Weight. Each

No. 44—Weighs 5 Lbs. by ½ Oz., Weight Each Boxed 20 Lbs. $26 65

One in a Box.

Scales.

PARCEL POST



Chatillon's Improved, Cast Iron Frame, Japanned and Ornamented Double Lever Computing Dial on One Side, Lbs. and Oz. Dial on the Other Side, 11x14½ in. Iron Platform.

Each

No. 07—7 in. Dial, Weighs 20 Lbs. by 1 Oz., Shipping Weight About 45 Lbs. $16 70

One in a Box.

Chatillon's Favorite, Sheet Steel Frame, Black Japan Finish and Decorated, Nickel Plated Sash with Glass Complete with Parcel Post Regulation.

Each

No. 17—7½ in. Dial, Weighs 20 Lbs. by 1 Oz., Height Over All 9¾ in., Shipping Weight About 4½ Lbs. $8.35

One in a Box.

Chatillon's Hanging, Nickel Plated Sash with Glass, Steel Side Frame, Black Japanned, with Ring and Hook.

Each

No. 27—7 in. Dial, Weighs 20 Lbs. by 1 Oz., Size Over All 13 in., Shipping Weight About 2½ Lbs. $5.60

One in a Box

PARCEL POST

Dispatch, Cold Rolled Steel Frame, Black Enameled and Decorated, White Computing Dial Covered with Glass, Nickel Plated Sash, Double Upright Supports, Square Heavy Steel Platform.

Each

No. 15—6 in. Slanting Dial, Weighs 20 Lbs. by 1 Oz., Size Over All, Height 7 in., Width 6 in., Depth 7¾ in., Shipping Weight About 4 Lbs. $3 35

The Dispatch has a computing chart and the indicator automatically points to the amount of postage in the different zones. The numbers of zones are printed in black, figures in red show the amount of postage.

One in a Box

POSTAL

Sheet Steel Frame Nickel Plated Double Upright Post Supports White Enameled Dial, Black Figures, Gold Border 3x3½ in Platform

Each

National—Weighs 4 Lbs. by ½ Oz., Size Over All 3⅞x6½x7½ in., Shipping Weight 1⅝ Lbs. $4.50

One in a Box.

POSTAL

Sheet Steel Frame Nickel Plated Double Upright Post Supports White Enameled Dial, Black Figures, Gold Border, 3x3½ in Platform.

Each

Union—Weighs 2½ Lbs. by ½ Oz., Size Over All 3½x5⅜ x6½ in., Shipping Weight About 1½ Lbs. $3.70

One in a Box.

POSTAL

Sheet Steel Frame, Nickel Plated, White Enameled Dial, Distinct Black Figures, Ornamental Border Round Platform

Each

Star—Weighs 1 Lb. by ½ Oz., Size Over All 2x3x3¼ in., Shipping Weight About ½ Lb. $2.25

One in a Box.

POSTAL

Sheet Steel Frame Nickel Plated Large Dial with Nickeled Rim, Distinct Figures, Steel Platform.

Each

U. S.—3½ in. Dial, Weighs 4 Lbs. by ½ Oz., Size Over All 3⅛x3⅞x5½ in., Shipping Weight About 1½ Lbs. $3 70

One in a Box

IMPERIAL COMPUTING

Sheet Steel Frame, Nickel Plated, Double Upright Post Supports, White Enameled Dial, Ornamental Border, 5½x10 in. Brass Scoop.

Each

No. 50—Weighs 2 Lbs. by ¼ Oz., Size Over All 4¼x7x10½ in., Shipping Weight About 2½ Lbs. $6.70

Warranted accurate computes instantly the cost of any merchandise in money from 5 cents to 60 cents per pound

One in a Box.

POCKET KOOK-KIT

[illegible] consists of folding broiler, a pair of [illegible] with detachable handles (pans fit [illegible] [illegible] [illegible]

ALUMINUM CAMP COOKING OUTFITS

[illegible] outfits [illegible] very [illegible], very light in weight [illegible] plates [illegible] necessary articles. It is made from special hard aluminum, extra thick, highly polished, no seams or joints to leak and give trouble, every piece being formed from one sheet of metal. All the pieces nest neatly in the largest cooking pot, except the bowl of the fry pan, which fits over the top. With each set is supplied a waterproof canvas carrying bag. All but handles are detachable.

COOKING AND SERVING UTENSILS IN SETS

SET FOR TWO PERSONS

1—No. 77.	Cooking Pot	2—No. 91.	Bowls	2—No. 97.	Knives
1—No. 78.	Cooking Pot	2—No. 92.	Cups	2—No. 98.	Forks
1—No. 86.	Coffee Pot	2—No. 95.	Plates	2—No. 99.	Tea Spoons
1—No. 89.	Fry Pan	1—No. 96.	Shakers (pair)	2—No. 00.	Table Spoons

No. 2. Set for two, weight about 6 lbs. Outside size, 9x7 inches. **$9 00**

SET FOR FOUR PERSONS

1—No. 80.	Cooking Pot	1—No. 90.	Fry Pan	4—No. 97.	Knives
1—No. 78.	Cooking Pot	4—No. 91.	Bowls	4—No. 98.	Forks
1—No. 77.	Cooking Pot	4—No. 92.	Cups	4—No. 99.	Tea Spoons
1—No. 86.	Coffee Pot	4—No. 95.	Plates	4—No. 00.	Table Spoons
1—No. 89.	Fry Pan	1—No. 96.	Shakers (pair		

No. 4. Set for four, weight about 10 lbs. Outside size, 10x8 inches. . **$14 85**

SET FOR SIX PERSONS

1—No. 82.	Cooking Pot	2—No. 90.	Fry Pans	6—No. 97.	Knives
1—No. 80.	Cooking Pot	6—No. 91.	Bowls	6—No. 98.	Forks
1—No. 78.	Cooking Pot	6—No. 92.	Cups	6—No. 99.	Tea Spoons
1—No. 77.	Cooking Pot	6—No. 95.	Plates	6—No. 00.	Table Spoons
1—No. 86.	Coffee Pot	2—No. 96.	Shakers (pair		

No. 6. Set for six, weight about 13½ lbs. Outside size, 11x8½ inches. **$20 25**

PRICES OF UTENSILS IF BOUGHT SEPARATELY

No. 77.	Cooking Pot, 4 qts.	$1 35	No. 92.	Cup, 1 pint.	$ 30
No. 78.	Cooking Pot, 6 qts.	1 65	No. 98.	Plate, 8½ inch	30
No. 80.	Cooking Pot, 8 qts.	2 05	No. 96.	Shakers (pair)	16
No. 82.	Cooking Pot, 11 qts.	2 70	No. 97.	Knives	15
No. 86.	Coffee Pot, 3 qts.	2 15	No. 98.	Forks, plain	14
No. 89.	Fry Pan, 8 inch	1 30	No. 99.	Tea Spoons	07
No. 90.	Fry Pan, extra	1 70	No. 00.	Table Spoons	12
No. 91.	Bowl, 1 pint	25	No. 01.	Special Waterproof Carrying Bag	75

WHITE ENAMEL WARE

These are made of the very best quality material, finished in white with blue border. Cups are made with handles detached at bottom for convenient nesting. Will nest compactly with the above cooking outfits.

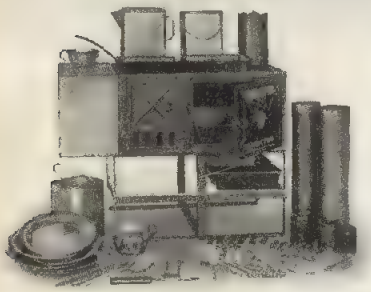
See prices on opposite page

POCKET KOOK-KIT

Outfit consists of folding broiler, a pair of frying pans with detachable handles (pans fit together and form baking pan), a vessel for boiling liquids and two drinking cups with detachable handles. All fold and nest together and fit within the boiling vessel. Made of heavy tin, and may be carried in the pocket.

No. **29.** Size 2x4x8½ inches when nested. Weight, 31 ounces .**$2 00** Khaki Bag with Web Carrying Straps..**$ .50**

BAXTER PORTABLE STOVE AND OUTFIT



When packed in its metal crate-support, the package measures 10½x18x21½ inches. Inside the fire-box is packed the sectional stove pipe and the two locking-bars. Inside the oven is packed the cooking and serving outfit and more room is left for additional articles. The fire-box is 8x10x17 inches, and will take the sixteen inch length wood. The oven is 7½x10½x17 inches. The reservoir is made to fasten to the side of the fire-box (see picture), and will hold five gallons of water.

The serving outfit can be added to for more than six persons.

COOKING AND SERVING OUTFIT CONSISTS OF:—

One Reservoir	Soup Kettle	Butcher Knife	6 Soup Spoons
Bread Pan, 9x15	Dipper Cup	Cake Turner	6 Tea Spoons
Dish Pan	Corkscrew	Sugar Can	6 Knives
Two Skillets	Can Opener	Salt Box	6 Forks
Coffee Boiler	Wire Broiler	Pepper Box	6 Coffee Cups
Water Bucket	Flesh Fork	Basting Spoon	6 Dinner Plates

No. **B10.** Portable stove without reservoir or outfit, weight 15 lbs.....**$7.50**
No. **R10.** Portable stove with reservoir, without outfit, weight 16 lbs. ..**9.00**
No. **C10.** Portable stove with reservoir and outfit, weight 25 lbs.....**15.00**

COMBINATION KNIFE, FORK AND SPOON

By means of "key-hole" openings engaging corresponding lugs, this combination of knife, fork and spoon is held together in compact form. By a sliding motion either one, two or all can be parted for separate use.

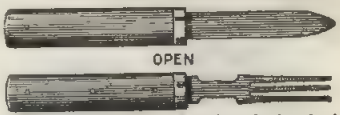
No. **80.** Folded length, 4½ inches, weight 6½ ounces **$1.00**

"FLAP-JACK TURNER"

This is a handy little cake turner which fits any common case knife, thus forming a handle. It is polished so the "flipper" won't stick. Weight 1 oz.

No. **48.** Size 2x4 inches.....**$ .10**

TWIN KNIFE AND FORK

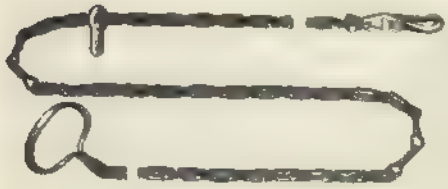


When closed the blade of the knife and the tines of the fork slip into the handle of each other. Weight 2½ oz.

No. **50.** Closed 8x¾ inches..... **$.35**

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

Chain Dog Leads.



Nos. 2, 5 and 8

American Pattern.

	Per Dozen
No. 2—6 ft., Medium, Polished Steel, with Handle on One End and Swivel Snap on the Other, Weight Per Dozen About 3 Lbs.	$4 50
No. 5—4½ ft., Small, Nickel Plated, with Handle on One End and Swivel Snap on the Other, Weight Per Dozen About 2½ Pounds.	3 00
No. 8—4 ft., Pug Leads, Nickel Plated, with Handle on One End and Swivel on the Other, Weight Per Dozen About 2 Lbs.	3.35

Hand Cuffs.

Bean's Improved Pattern.

	Per Pair
No. 1—Polished Steel	$6.70

Weight Per Pair About 12 Ounces

One Pair in a Box

Tower's Adjustable.

Forged Steel Shackles, Double Lock.

	Per Pair
No. 10—Polished Steel	$6 70
No. 12—Nickel Plated	7.80

Weight Per Pair About 12 Ounces

One Pair in a Box.

Police Nippers.

Phillip's, Forged Steel.

	Per Dozen
No. 19—Nickel Plated	$18.00

Readily applied, worked easily with one hand, and gives the officer complete control of the prisoner.

Weight Each About 4½ Ounces

One-half Dozen in a Box

Tower's Perfect, Welded Chain.

	Per Dozen
No. 21—Nickel Plated, Interlocking Handles.	$16 65

The advantage of this twister is the interlocking of the Handles. When in use the two handles lie one within the other, closing automatically

Weight Each About 3 Ounces

One-half Dozen in a Box

Leg Irons.

Tower's Adjustable, Forged Steel Shackles, Double Locking.

	Per Pair
No. 16—Polished Steel	$10 00
No. 18 Nickel Plated	11.65

The Double Lock is not a mere name, but in fact two secure Tumbler Locks, one self-locking, the second locked with the key, the same key unlocking both when double-locked by turning twice around in the same direction

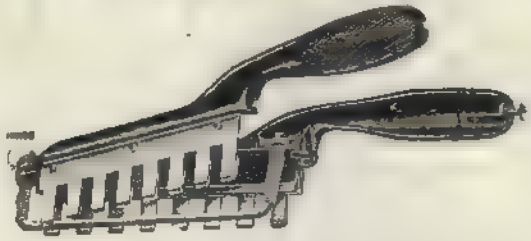
Weight Per Pair About 4 Pounds.

One Pair in a Box.

Nos. 16 and 18

Steakgreiths or Meat Tenderers.

No. 12—Closed



No. 12—Open for Cleaning.

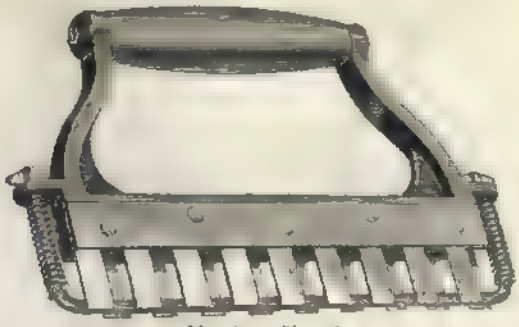
PEERLESS, Black Japanned Iron Top and Handle, Polished Steel Cut Teeth.

Per Dozen

No. 12—12 in. Long Over All, 3¼ in. High..... $23.35

Weight Per Dozen About 22 Pounds.

One-half Dozen in a Box.



No. 10—Closed

CLARK'S PATENT, Black Enameled Frame, Polished Steel Blades, Brass Springs, Enameled Wood Handle.

Per Dozen

No. 10—8 in. Long, 5 in. High.....$15 00

Weight Per Dozen About 20 Pounds

One-twelfth Dozen Wrapped in Paper

Family Choppers.

DIAMOND, Solid Steel Blade, Tempered, Hardwood Handle, Iron Ferrule.

Per Dozen

No. 20—6½ in. Cut, 6½ in. Handle $7.80

Weight Per Dozen About 21 Pounds

One Dozen in a Carton.

HOUSEHOLD, Oil Tempered Steel Blades, Fancy Rubber Finished Hardwood Handles.

Per Dozen

No. 88—7¼ in Cut, Entire Length 12½ in.....$4.50

Weight Per Dozen About 6 Pounds.

One Dozen in a Box.

FAMILY, Magnetic Steel Blade, Ground and Polished, Friction Burnt Selected Hardwood Handle, Nickel Plated Steel Ferrule.

Per Dozen

No. 600M -6¼ in. Cut, Entire Length 11⅝ in $0 15

Weight Per Dozen About 10 Pounds

One Dozen in a Box.

Butchers' Choppers.

BEATTY'S

Extra Heavy, Steel Blade, Full Polished, Varnished Hickory Handle.

Nos.	000	00	0
Cut, Inches	6	7	8
Length of Handle, Inches	6½	6½	6½
Ap Wt Per Dozen, Lbs	18	23	25
Per Dozen	$17 35	19.35	21 35

Nos.	1	2
Cut, Inches	9	10
Length of Handle, Inches	6½	7½
Ap. Wt. Per Dozen, Lbs.	30	35
Per Dozen	$24.00	26.70

One-half Dozen in a Box.

Butchers' Cleavers.

BEATTY'S

Extra Heavy Steel, Full Polished, Varnished Hickory Handle.

Nos.	10	11	12	13	14
Cut, Inches	7	8	9	10	11
Length Handle, In	7½	8½	9½	10½	11½
Ap Wt Dozen, Lbs	26	30	36	50	54
Per Dozen	$22 00	24.00	26.70	29.35	32.70

Nos.	15	16	17	18	19
Cut Inches	12	13	14	15	16
Length Handle, In.	12½	13½	14½	15½	16½
Ap Wt Dozen, Lbs	60	68	74	80	85
Per Dozen	$36.00	40.00	44.70	48.70	53.35

Nos. 10 to 14, One-half Dozen in a Box; Balance, Open Stock.

SKEWERS

Bright Steel, Round, 12 in a Set.

	Per Dozen Sets
Game 4 to 5 in. Long	$....
Bird 3 to 8 in Long	....

LARDING NEEDLES

IN CASES

Sabatiers.

	Per Dozen Cases
No. 1—Steel, One Dozen Assorted in a Case	$. .

W. H. & Co.

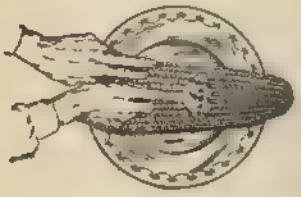
No. 2—Steel, One Dozen Assorted in a Case . .
Weight Per Dozen Cases 7 Pounds.

SEPARATE
Steel.

Inches	6	7	8	9	10	11	12
Wt Doz Lbs	1½	2	2½	3½	4½	5½	6½
Per Dozen	$....	....	....	....	....	....	....

CORN SLITTERS

PANCOAST



For Individual Use at the Table.

	Per Dozen
No. 1—Nickel Plated, Steel	$....
No. 2—Silver Plated, Steel	....

One Dozen in a Box.

MINCING KNIVES

	Per Dozen
No. 4—**Single,** Crucible Steel Blade, Beech Handle, Polished Edges, Brass Screws, Weight Per Dozen 4½ Lbs	$....

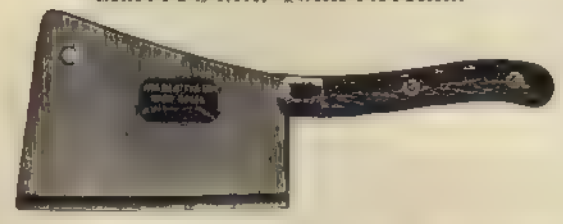
One-half Dozen in a Box.

	Per Dozen
No. 40—**Double,** Polished Steel Blades Well Braced Malleable Iron Shank, Plain Wood Handle, Weight Per Dozen 4 Lbs	$..

One Dozen in a Box.

BUTCHERS' CLEAVERS

BEATTY'S NEW YORK PATTERN



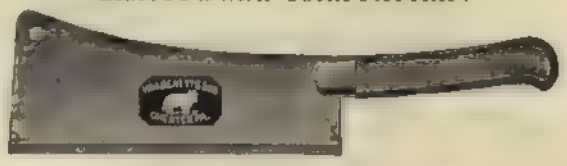
Solid Cast Steel Blade, Flat Applewood Handle, Riveted Steel Ferrule.

Nos.	036	037	038	039
Cut. Inches	6	7	8	9
Wt Per Dozen, Lbs	28	32	38	46
Per Dozen	$32 00	35 00	38 00	42 00

One-half Dozen in a Wooden Box.

BUTCHERS' LAMB CLEAVERS

BEATTY'S NEW YORK PATTERN



Solid Cast Steel Blade, Flat Hardwood Handle, Riveted Steel Ferrule.

Nos.	068	069
Cut. Inches	8	10
Weight Per Dozen, Lbs	24	28
Per Dozen	$30 00	36.00

One-half Dozen in a Wooden Box

"BIG CHIEF" BAITS

When all other devices fail these baits have been known to get results

PEARL SPOON

The pearls on these baits are fitted with metal eyelets to offset wear while spinning. Mounted with highest grade hollow point spring steel feathered treble hooks.

No. P. 1¼, 1⅝, 1⅞ inch single blades . . . . Each $ 25
No. PL. 2 and 2½ inch single blades . . . . Each 35
No. PP. 1¼, 1⅝ inch double blades . . . . Each 45

PEARL OR METAL WOBBLER

This bait does not revolve, but darts through the water, and the reflection of the polished pearl or metal attracts the attention of the fish. Fitted with hollow point treble hook attached by split ring permitting change of hooks. Choice of 2 or 3 inch blades.

No. PW. Pearl.... . . ....$ .25 No. MW. Copper $ 35

PEARL MINNOW

No strain comes on the pearl as we use German silver wires to connect the swivel and hook. It makes more effective trolling metal or wood baits and is particularly suitable for bait casting or trolling for bass, pickerel or in fact any game fish

No. PM. With 3-inch pearl and treble detachable hook..... .....Each $ 50

PEARL COLORADO BAIT

An excellent trout trolling lure The treble hook can be removed so that the fisherman can substitute a fly or single hook if he prefers.

No. PC. Trout size.. . Each $ .20

METAL COLORADO SPINNERS

Known as "the spinner that spins." Fitted with swivels and small detachable treble hooks and finished in nickel or copper. It will cast easily on a fly rod.

No. E1. With ¾ inch metal blade. .....Each $ 10

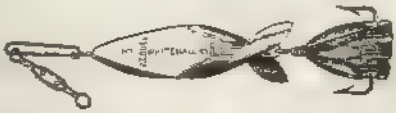
SILVER SOLDIER

A German silver bait that has proven remarkably efficient in trolling for bass It is also excellent for snapper fishing The peculiar shape gives it a lively movement in the water; measures 2½ inches long

No. SS. Silver Soldier .... Each $ 35

Delivery Prepaid in U S if Cash is Sent with Order at Above Prices

SPINNERS, FEATHERED HOOKS, Etc.



BUEL'S NEW MODEL

This is a very popular style spinner, being especially strong and beautifully finished in silver plate. While in motion they resemble a fish swimming.

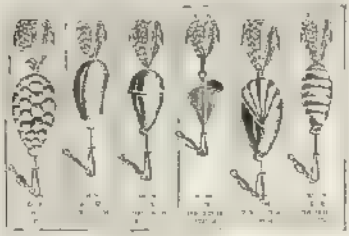
Blade, inches	1½	1½	1⅝	2⅜	2⅝	3	3⅜
No. W, each	$ 35	40	40	50	50	50	60

BLACK BASS SPINNER*

This spinner with feathered hook is specially recommended for black bass and the larger sizes are used by many salt water fishermen for trolling in connection with a snelled hook in place of the feathered hook. It is made of brass, well nickel plated.

Length of Blade, inches	⅝	¾	1	1⅛	1¾
No. BF. With Feathered Hook	$.12	.12	12	15	15

BAIT ASSORTMENT



A very attractive assortment of spinners. Every one a killer. Styles and size will suit most any fisherman.
No. 44. Assortment of 6 per card $ 65

PORK RIND BAIT*

A most effective bait for bass and pickerel, especially for casting in connection with enameled casting spoons or with the "Weedless Porker" described on page 299. Cut minnow shape and packed 6 in a box.
No 40. Per box. . . $ 18

*Postage paid if bought in connection with other "delivered" goods, otherwise 3c per box.

RINGED TREBLE HOOKS*

These hooks are so arranged that they can be substituted for the hooks on most of the baits we sell or attached direct to leader of line if preferred.

FEATHERED

Size	1 to 4	1/0	2/0	3/0	4/0	5/0
Each	$ 05	06	.07	08	09	.10
Doz	60	.65	.75	.80	.90	1.00

BUCKTAIL

Each	$ 12	14	16	18	20	.22
Doz	1 40	1 60	1 80	2 00	2 25	3 00

Bucktail

Feathered

*Prepayment of postage on applies to a dozen or more sizes bought in connection with other "delivered" goods.

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

WRENCHES ON DISPLAY SALES-BOARDS

BILLINGS & SPENCER.

These Boards are designed to carry a stock of Wrenches of the styles and sizes most in demand and to give the largest variety of openings with the fewest duplications.

The dealer is entitled to one of these boards free on condition that he purchase the wrenches complete as per list and in lots of six each of a size.

A printed card carrying full information is furnished with each board.

All Wrenches are milled slightly larger than listed in tables to allow for proper clearance and variations.

Number of Wrench is always stamped on the handle of Wrench.

The heads of Wrenches are stamped to show purpose for which the wrench can be used.

"Finished" Wrenches have milled openings, are polished all over, and are hardened and treated with a special black finish.

No. 2 DISPLAY SALES-BOARD, 46¾ in. Long, 10⅜ in. Wide.

This Board is arranged for the Hardware Dealer, the Wrenches being Milled with Openings for U. S. S. Nuts, Hexagon and Square Head Screws and Set Screws.

ENGINEERS' WRENCHES.

15 Degree Angle Double Head.

Nos.	Sq. Head Set Screw, Inches	Hex. Head Cap Screw, Inches	Milled Openings, Inches	Length, Inches	Finished Each
1100A	¼ & ⅜	.....	¼ & ⅜	3½	$0 23
1104	⅜ & ½	⅜ & ⅜	⅜ & ½	4½	39

Nos.	Bolt Sizes, Inches	Milled Openings, Inches	Length, Inches	Finished, Each
1107	¼ & ⅜	⅜ & ⅜	4½	$0 32
1118	⅜ & ½	½ & ½	6	46
1128	½ & ⅝	½ & ⅝	8	68
1136	⅝ & ¾	⅝ & 1 7/16	10	1 08

Nos.	Hex. Head Cap Screw, Inches	Milled Openings, Inches	Length, Inches	Finished Each
1109	¼ & ⅜	⅜ & ⅜	5	$0 38
1111	⅜ & ⅜	⅜ & ½	5	38
1116	⅜ & ½	½ & ½	6	46
1126	½ & ½	½ & ⅝	8	58
1138	⅝ & ¾	⅝ & 1	9	.85

TEXTILE WRENCHES.

22½ Degree Angle, Double Head.

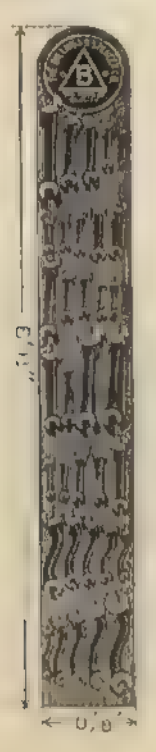
Nos.	Bolt Sizes, Inches	Milled Openings, Inches	Length Inches	Finished, Each
1555	¼ & ⅜	⅜ & ⅜	4¾	$0 38
1564	⅜ & ⅜	⅜ & ½	5¾	46
1571	⅜ & ½	½ & ½	8½	78
1578	½ & ⅝	½ & 1 1/16	9½	1.05
1581	⅝ & ¾	1 1/16 & 1 1/16	11	1 40

LIGHT SERVICE WRENCHES.

Nos.	Sq. Head Set Screw, Inches	Hex. Head Cap Screw, Inches	Milled Openings, Inches	Length, Inches	Finished, Each
2000	⅜ & ⅜	⅜ & ⅜	⅜ & ⅜	4½	$0 38
2007	.....	⅜ & ⅝	½ & ½	7½	.67
2017	.....	7/64	⅝ & ½	8½	.58
2025	.....	.....	⅝ & ½	9½	.72
2033	.....	½ & ⅝	⅝ & ½	10⅝	.90

No. 3 DISPLAY SALES-BOARD, 6 ft. 8 in. Long, 10⅜ in. Wide.

This Board is arranged for Auto Supply Dealers and Garages, having S. A. E. and A. L. A. M. Standard Openings.



ENGINEERS' WRENCHES.

15 Degree Angle Double Head.

Nos.	A. L. A. M. Std. Nuts and Cap Screws, Bolt or Screw, Inches	Milled Openings, Inches	Length, Inches	Finished, Each
1105	¼ & ⅜	⅜ & ⅜	4½	$0 32
1118 Sp.	⅜ & ½	½ & ½	6	.46
1124	½ & ⅝	⅝ & ⅝	8	68
1132 Sp.	⅝ & ¾	¾ & 1	9	85
1140 Sp.	¾ & ⅞	1 1/16 & 1 1/16	11½	1.40

"CHECK NUT" OR "THIN" WRENCHES.

15 Degree Double Angle Head.

Nos.	Diam. of Screw, Inches	Milled Openings, Inches	Length, Inches	Finished, Each
1350	¼ & ⅜	⅜ & ⅜	4½	$0 28
1352	⅜ & ½	½ & ½	4½	.38
1354	½ & ⅝	⅝ & ⅝	5½	.46
1356	⅝ & ¾	¾ & ¾	7	.60
1358	¾ & ⅞	⅞ & ⅞	7	.60

ENGINEERS' WRENCHES.

15 Degree Angle Double Head.

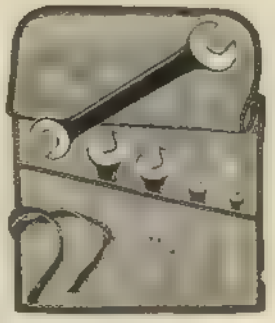
Nos.	Size Bolts for U. S. Std. Nuts, Inches	Milled Openings, Inches	Length, Inches	Finished, Each
1101	⅛ & 3/16	¼ & ⅜	4	$0 26
1107	¼ & ⅜	⅜ & ⅜	4½	32
1112	⅜ & ⅜	⅜ & ½	5	38
1118	⅜ & ½	½ & ½	6	46
1123	½ & ⅝	½ & ⅝	6¾	58
1128	½ & ⅝	⅝ & ⅝	8	68
1134	⅝ & ¾	⅝ & 1 1/16	10	1 08
1140	¾ & ⅞	1 1/16 & 1 1/16	11½	1 48

Nos	For Hex. Head Cap Screws and U. S. Nuts for Same	Milled Openings, Inches	Length, Inches	Finished Each
1109	⅜	⅜ & ⅜	5	$0 38
1112	⅜	⅜ & ½	5	38
1118 Sp.	⅜	½ & ½	6	46
1120 Sp.	⅜	½ & ⅝	6¾	58
1126	½	⅝ & ⅝	8	68
1134	½	⅝ & 1 1/16	10	1 08
1139	⅝	1 & 1 1/16	11½	1 40

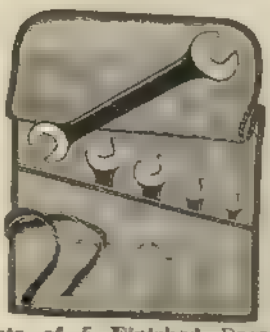
WRENCH SETS

THE BILLINGS & SPENCER CO.

"Check Nut" or "Thin" Wrenches for A. L. A. M. Standard Nuts and Cap Screws.



A. L. A. M. Standard.



Per Set

No. 14 Set Consists of 5 Finished Drop Forged Double Head Wrenches, 1 Each Nos. 1350W to 1362W as Described Below, Put Up in a Neat Canvas Roll $3 80

Description of Wrenches Contained in No. 14 Set.

Nos	A. L. A. M. Std. Nuts & Cap Screws, Bolt, or Screw, Inches	Milled Openings Inches	Length Inches	Thickness of Heads, Inches	Finished, Each
1350W	¼, 5/16	3/8, 1/2	4 1/2	5/32	$0 38
1353W	3/8, 7/16	7/16, 9/16	5 1/2	7/32	48
1356W	1/2, 9/16	5/8, 7/8	7	9/32	60
1359W	7/8, 1	15/16, 1	8 1/2	1/4	80
1362W	3/4, 7/8	1 1/8, 1 1/4	10 1/2	9/32	1.15

Per Set

No. 8 Set—Consists of 5 Finished Drop Forged Double Head Wrenches, 1 Each Nos. 1105 to 1140Sp as Described Below, Put Up in a Neat Canvas Roll $1.16

Description of Wrenches Contained in No. 8 Set.

Nos	A. L. A. M. Std. Bolt or Screw, Inches	Milled Openings Inches	Length Inches	Thickness of Heads, Inches	Finished Each
1105	1/4, 5/16	3/8, 1/2	4 1/2	1/8	$0.32
1118Sp.	5/16, 3/8	7/16, 9/16	6	5/32	.45
1126	1/2, 5/8	3/4, 7/8	8	1/4	.64
1132Sp.	5/8, 3/4	15/16, 1	9	9/32	.85
1140Sp.	3/4, 7/8	1 1/8, 1 1/4	11 1/2	5/16	1 40

15 Degree Double Head Engineers' Wrenches.

For Hexagon Head Cap Screws and Nuts for Same.

Per Set

No. 5 Set Consists of 7 Finished Drop Forged Double Head Wrenches, 1 Each Nos. 1109 to 1139 as Described Below, Put Up in a Neat Canvas Roll $5.64

Description of Wrenches Contained in No. 5 Set.

Nos	For Hex-Head Cap Screws & U. S. S. Nuts, Inches	Milled Openings Inches	Length Inches	Thickness of Heads, Inches	Finished, Each
1109	1/4	7/16, 1/2	7	5/32	$0.38
1112	5/16	1/2, 9/16	7	3/16	.38
1118Sp.	3/8	9/16, 11/16	6	7/32	.46
1120Sp.	7/16	5/8, 3/4	6 3/4	7/32	.56
1126	1/2	3/4, 7/8	8	1/4	.68
1134	5/8	7/8, 1 1/16	10	5/16	1.08
1139	3/4	1, 1 1/4	11 1/2	3/8	1.40

Per Set

No. 44 Set—Consists of 8 Finished Drop Forged Double Head Wrenches 1 Each Nos. 1557 to 1580 as Described Below, Put Up in a Neat Canvas Roll $6.45

Description of Wrenches Contained in No. 44 Set.

Nos	Screw in	Milled Openings Inches	Length Inches	Thickness of Heads, Inches	Finished Each
1557Cap	1/4, 5/16	7/16, 1/2	4 3/4	1/8	$0.38
1562Cap	3/8, 7/16	9/16, 5/8	5 3/4	5/32	.40
1568Cap	1/2, 5/8	3/4, 13/16	7	11/64	.60
1575Cap	5/8, 3/4	7/8, 1	9 1/2	7/32	1.05
1559Nut	1/4, 5/16	1/2, 13/16	5 3/4	5/32	.46
1566Nut	3/8, 7/16	11/16, 11/16	7	11/64	.60
1574Nut	1/2, 5/8	7/8, 1 1/16	8 1/4	3/16	.78
1580Nut	5/8, 3/4	1 1/16, 1 1/4	11	1/2	1.40

TOOL KITS

B. & S.

Per Kit

No. 11 Kit—Made Up of Billings & Spencer Drop Forged Tools Exclusively, and Consists of Tools as Described Below, Put Up in a Good Quality Canvas Roll $4.90

Description of Tools Contained in No. 11 Kit.

1—9 in. "All Steel" Screw Driver.
1—8 Oz. Ball Pein Hammer
1—No. 4 Set of 5 Semi-Finished Light Service Wrenches.
1—Double Opening Socket Wrench, Openings ½ and 5/8 in.
1—Semi-Finished Spark Plug Wrench, Openings 7/8 and 15/16 in.
1—6 in. Semi-Finished Auto Wrench.
1—6 in. Black Finished Kit Pliers.
1—Offset Screw Driver.
1—3/8 in. Cold Chisel.
1—3/8 in Punch.
1—Cotter Pin Tool.
1—Wrench for Prest-o-Lite Tank, 1/4 in. Opening.

WASH TUBS

Oil Painted and Oak Grained Cedar, Electric Welded Hoops, Wire Drop Handles with Wood Grips.

Nos.	1	2	3
Diam. Top, Inches	22	20¾	19
Depth, Inches	11	9¾	9
Weight Per Dozen, Lbs.	160	140	100
Per Dozen	$....	....	....

WATER PAILS

CEDAR

Per Dozen

No. 2—12 Quart, Virginia White Cedar, Electric Welded Wire Hoops, Wire Bail, Wood Grip. Weight Per Dozen 40 Lbs. . . . . $....

One-half Dozen in a Bundle

HORSE PAILS

OAK.

Per Dozen

J. I. C.—14 Quart, Oak, Flush Bottom, 2 Heavy Steel Hoops, ⅜ in. Iron Bail, Wrought Ears and Side Straps Fastened with Rivets. Weight Per Dozen 90 Lbs . . . . . $..

One-half Dozen in a Bundle

TUB HOOPS

OATMAN'S HANDY

Plain, with Rivets.

Nos.	1	2
Size In	⅞x78	1x80
No in Box	70	50
Per Box	$.	

Nos.	3	4
Size In	1⅛x80	1¼x80
No in Box	25	25
Per Box	$.	. .

These hoops are flared and holes punched in ends to fit all common sized tubs and barrels.

BARN PAILS

PINE

Per Dozen

No. 12—12 Quart, White Pine, Flush Bottom, Three Iron Hoops, Long Ears, Heavy Iron Bail, Weight Per Dozen 44 Lbs. . . . . $...

One-half Dozen in a Bundle.

CLOTHES LINES

COTTON

Per Dozen

Samson Spot—Length 50 ft. Solid Braid Made of Best Stock Smooth Finish Will not Stretch Kink Rave, Nor Stain the Clothes Weight Per Dozen, 11¼ Lbs . . . . . $ . .

Acme—Length 50 ft. Soft Solid Braid Unglazed, Weight Per Dozen 6 Lbs . . . . . .

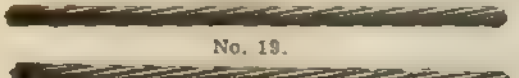
Little Duck—Length 50 ft. Hollow Braid, Water proofed, Weight Per Dozen 7¼ Lbs. . .

Columbia—Length 50 ft. Hollow Braid Yarn Cover, Roving Center, Weight Per Dozen 3 Lbs . .

Fairy—Length 50 ft. Twisted Cotton Has a Hemp Center Running Through Each Strand Reinforcing the Line Cutting Down the Stretch to a Minimum, Weight Per Dozen 6 Lbs. . . . . .

One Dozen 50 Feet Hanks in a Bundle.

WIRE CLOTHES LINES



No. 19.

No. 18.

Heavily Galvanized, Tightly Twisted, in 100 ft. Coils.

Nos.	19	18
Gauge Wire	19	18
No of Wires	6	6
Weight Per Dozen, Lbs.	35	46
Per Dozen	$.....	.....

Hatchets.

BLOOD'S

BENCH

Hand Forged from the Best Tool Steel, Ground and Sharpened, Gun Metal Finish, Hickory Handle.

Nos.	B2	B3	B4
Cut, Inches	4 ½	5	5 ½
Weight Each	1 lb. 12 oz.	2 lb. 3 oz.	2 lb. 8 oz.
Approx. Weight Per Dozen, Lbs.	32	35	43
Per Dozen	$14.50	16.40	18.30

Nos.	B5	B6	B7
Cut, Inches	6	6 ½	7
Weight Each	2 lb. 14 oz.	3 lb 4 oz.	3 lb. 13 oz
Approx. Weight Per Dozen, Lbs.	45	55	60
Per Dozen	$20.85	22.75	24.65

Weights EACH Do Not Include Handle.

One-half Dozen in a Box.

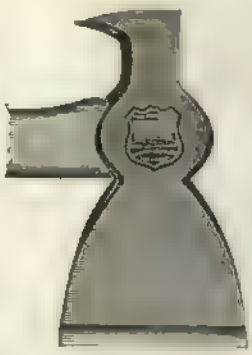
SHINGLING

Hand Forged from the Best Tool Steel, Ground and Sharpened, Gun Metal Finish, Hickory Handle.

Nos.	B11	B12	B13
Cut, Inches	3 ½	3 ⅞	4 ⅜
Weight Each	1 lb. 1 oz.	1 lb. 7 oz.	1 lb. 13 oz.
Ap. Wt. Per Doz., Lbs.	25	30	35
Per Dozen	$10.10	10.75	11.35

Weights EACH Do Not Include Handle.
One-half Dozen in a Box

CLAW



Hand Forged from the Best Tool Steel, Ground and Sharpened, Gun Metal Finish, Hickory Handle.

Nos.	B21	B22	B23
Cut, Inches	3 ½	3 ⅞	4 ⅜
Weight Each	1 lb. 3 oz.	1 lb. 9 oz.	1 lb. 15 oz.
Ap. Wt. Per Doz., Lbs.	45	30	34
Per Dozen	$11.35	12.00	12.65

Weights EACH Do Not Include Handle.
One-half Dozen in a Box.

HALF

Hand Forged from the Best Tool Steel, Ground and Sharpened, Gun Metal Finish, Hickory Handle.

Nos.	B31	B32
Cut, Inches	3 ⅛	3 ½
Weight Each	15 oz.	1 lb. 5 oz
Approx. Wt. Per Dozen, Lbs.	21	27
Per Dozen	$10.75	11.35

Weights EACH Do Not Include Handle.
One-half Dozen in a Box

LATHING

Hand Forged from the Best Tool Steel, Ground and Sharpened, Gun Metal Finish, Hickory Handle.

Nos.	B41	B42
Cut, Inches	2 ½	2 ¾
Weight Each	14 oz.	1 lb 2 oz.
Approx. Wt Per Dozen, Lbs.	20	24
Per Dozen	$10.10	10.75

Weights EACH Do Not Include Handle.
One-half Dozen in a Box.

Hatchets.

BENCH

Forged from Swedish Iron, Best Tool Steel on Head, Inserted Tool Steel Cutting Edge, Ground and Sharpened, Blued Finish, Hickory Handle.

Nos.	E2	E3	E4	E5	E6	E7
Cut, Inches	4½	5	5½	6	6½	7
Weight Each	1 Lb. 12 Oz.	2 Lb. 2 Oz.	2 Lb. 8 Oz	2 Lb. 14 Oz.	3 Lb. 4 Oz.	3 Lb. 12 Oz.
App. Weight Doz., Lbs.	30	36	42	48	57	66
Per Dozen	$15.35	17.35	19.35	22.00	24.00	28.00

Weights EACH do Not Include Handle.

One-half Dozen in a Box

SHINGLING

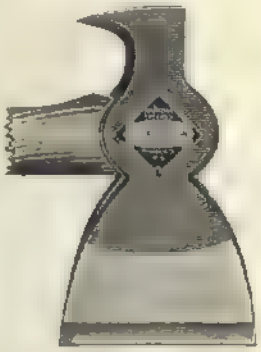
Forged from Swedish Iron, Best Tool Steel on Head, Inserted Tool Steel Cutting Edge, Ground and Sharpened, Blued Finish, Hickory Handle.

Nos.	E11	E12	E13
Cut, Inches	3½	3¾	4
Weight Each	1 Lb 4 Oz.	1 Lb. 8 Oz.	1 Lb. 12 Oz.
App Weight Dozen, Lbs	24	28	32
Per Dozen	$10.70	11 35	12 00

Weights EACH do Not Include Handles.

One-half Dozen in a Box

CLAW



Forged from Swedish Iron, Best Tool Steel on Head, Inserted Tool Steel Cutting Edge, Ground and Sharpened, Blued Finish, Hickory Handle.

Nos.	E21	E22	E23
Cut, Inches	3½	3¾	4
Weight Each	1 Lb. 4 Oz.	1 Lb. 8 Oz.	1 Lb. 12 Oz.
App Weight Dozen, Lbs	27	30	34
Per Dozen	$12.00	12.70	13.35

Weights EACH do Not Include Handles.

One-half Dozen in a Box

HALF

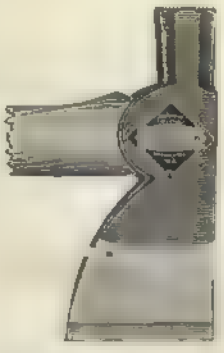
Forged from Swedish Iron, Best Tool Steel on Head, Inserted Tool Steel Cutting Edge, Ground and Sharpened, Blued Finish, Hickory Handle.

Nos.	E31	E32
Cut, Inches	3¼	3½
Weight Each	1 Lb. 4 Oz	1 Lb 8 Oz
App Weight Dozen, Lbs.	32	38
Per Dozen	$11.35	12 00

Weights EACH do Not Include Handles.

One-half Dozen in a Box.

LATHING



Forged from Swedish Iron, Best Tool Steel on Head, Inserted Tool Steel Cutting Edge, Ground and Sharpened, Blued Finish, Hickory Handle.

Nos.	E41	E42
Cut, Inches	2½	2¾
Weight Each	12 Oz	1 Lb.
App. Weight Dozen, Lbs	18	20
Per Dozen	$10.70	11.35

Weights EACH do Not Include Handles.

One-half Dozen in a Box.

FIREMEN'S AXES
BLOOD'S CHAMPION

Per Dozen

No. 10—Hand Forged Refined Steel, Finest Crucible Steel Pick, Gold Bronzed, Polished Bit and Pick Weight 4 ½ to 5 Lbs., Handled with 36 in No. 1 Hickory Handle, Painted Red.....$30.00
Weight Per Dozen 85 Pounds.
One-half Dozen in a Box.

ICE AXES
UNDERHILL

Boston Pattern. Per Dozen

No. 100—Hand Forged Refined Steel, Crucible Steel Bit and Pick, Painted Red, Polished Bit and Pick, Cut 1¾ in., Weight without Handle 2¼ Lbs., Handled with 36 in. Hickory Handle $26 00
Weight Per Dozen 50 Pounds
One Dozen in a Box.

HUNTERS' HATCHETS
BLOOD'S

Axe Pattern.

Solid Cast Steel, Hand Forged, Carefully Tempered to Hold a Keen Cutting Edge, Gold Bronzed, Polished Bit.

Nos.	0	1	2
Wt. without Handle, Lbs..	1¼	1½	1¾
Length Handle, Inches....	14	16	18
Weight Per Dozen, Lbs....	30	34	38
Per Dozen	$	.....	.

One-half Dozen in a Box.

BOY SCOUT AXES
ANCHOR BRAND

With Nail Slot.

Hand Forged Steel, Non-Rusting Finish, Selected Axe Shaped Hcikory Handle. Per Dozen

No. 375—Weight Each with Handle 1 Lb. 5 Oz., without Sheath $11 50
No. 800—With Heavy Russet Leather Sheath... 16 00
One-half Dozen in a Box

FLOORING HATCHETS

Hand Forged Steel, Non-Rust Finish, Polished Bit, Labeled, 14 in. Handle.

No.	2086
Size	2
Bit, Inches	4½
*Weight Each	1 lb 8 oz.
Weight Per Dozen, Lbs..	25
Per Dozen	$18.00

One-half Dozen in a Box.

BROAD OR BENCH HATCHETS
KEEN RIDGE

Western Pattern, Single Bevel.

Best Refined Cast Steel, Blue Finish, Polished Fire Blued Bit, Labeled

Nos.	1	2
Cut, Inches ...	4	4½
*Weight Each	1 lb. 8 oz.	1 lb. 12 oz.
Weight Per Dozen, Lbs	30	32½
Per Dozen	$13 50	14 50

Nos.	3	4	5	6
Cut, Inches	5	5½	6	6½
*Weight Each	2 lb 2 oz.	2 lb. 8 oz.	2 lb. 14 oz.	3 lb. 4 oz.
Weight Per Dozen, Lbs....	40	42	44	48
Per Dozen	$17 00	18 50	20 50	22 00

One-half Dozen in a Box.

*Weights Each Do Not Include Handles

HATCHETS

SHINGLING

KEEN RIDGE

Patented Ridge Pattern Carefully Tempered and Honed Ready for Use. Blue Finish Polished Fire Blued Bit. Labeled

HALF

Best Refined Cast Steel, Blue Finish, Polished Fire Blued Bit, Labeled.

Nos.	1	2	3
Cut, Inches	3½	3⅞	4⅜
Weight Each	1 lb. 1 oz.	1 lb. 7 oz.	1 lb. 13 oz.
Wt. Per Dozen, Lbs.	18	22	26
Per Dozen	$10.50	11.00	11.50

One-half Dozen in a Box.

Best Refined Cast Steel, Blue Finish, Polished Fire Blued Bit, Labeled.

Nos.	1	2
Cut, Inches	3⅛	3½
Weight Each	15 oz.	1 lb. 5 oz.
Weight Per Dozen, Lbs.	17	20
Per Dozen	$11.00	11.50

One-half Dozen in a Box.

CLAW

LATHING

Best Refined Cast Steel, Blue Finish, Polished Fire Blued Bit, Labeled.

Nos.	1	2	3
Cut, Inches	3½	3⅞	4⅜
Weight Each	1 lb. 3 oz.	1 lb. 9 oz.	1 lb. 15 oz.
Wt. Per Dozen, Lbs.	19	23	27
Per Dozen	$11.50	12.00	12.50

One-half Dozen in a Box.

Best Refined Cast Steel, Blue Finish, Polished Fire Blued Bit, Labeled.

Nos.	1	2	3
Cut, Inches	2½	2¾	3
Weight Each	14 oz.	1 lb. 1 oz.	1 lb. 4 oz.
Weight Per Dozen, Lbs	16	19	20
Per Dozen	$10.50	11.00	11.50

One-half Dozen in a Box.

SHINGLING

EMPIRE

CLAW

Cast Steel, Gold Bronzed, Polished Bit.

No.	2E
Cut Inches	3⅞
Weight Each	1 lb. 7 oz.
Weight Per Dozen, Lbs.	22
Per Dozen	$8.50

One-half Dozen in a Box.

Cast Steel, Gold Bronzed, Polished Bit.

No.	2E
Cut, Inches	3⅞
Weight Each	1 lb 9 oz.
Weight Per Dozen, Lbs.	23
Per Dozen	$9 50

One-half Dozen in a Box.

Note—Weights Each Do Not Include Handles.

Razors.

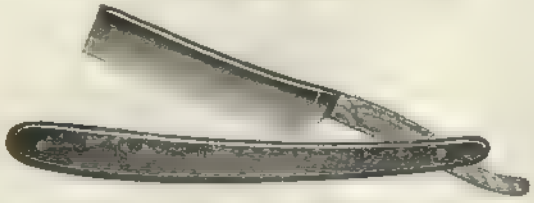
Cuts Half Size.

Reliable, Hollow Ground Blade, Hollow Point, Glaze Finish, Black Etching, Black Rubber Handle — Per Dozen

No. 610—⅝ in. Blade $13 35

Weight Per Dozen About 1¾ Pounds

WOSTENHOLM



Wostenholm, Full Concave Blade, Honed Point, Final Crocus Polish, Milled Pearl Tang, Black Rubber Handle — Per Dozen

No. 01846—⅝ in. Blade $44.50

Weight Per Dozen About 1¾ Pounds

Wostenholm's Genuine Pipe, Full Concave Blade, Square Point, Fine Glaze Finish, Black Rubber Handle. — Per Dozen

No. 01461—⅝ in. Blade $28 00

Weight Per Dozen About 1¾ Pounds

Wostenholm's, Frame Back Grinding, Hollow Point Blade, Full Crocus Polish, Gold Etching, Ivory Celluloid Handle — Per Dozen

No. 01323—⅝ in. Blade $24 50

Weight Per Dozen About 2 Pounds

Wostenholm's, Full Concave Blade, Square Point, Fine Glaze Finish, Black Rubber Handle. — Per Dozen

No. 01163—⅝ in. Blade $20.00

Weight Per Dozen About 1¾ Pounds.

Wostenholm's Genuine Pipe, Hollow Ground, Square Point, Fine Glaze Finish, Black Rubber Handle — Per Dozen

No. 02363—⅝ in. Blade $18.00

Weight Per Dozen About 2 Pounds.

All Above, One-half Dozen in a Box.

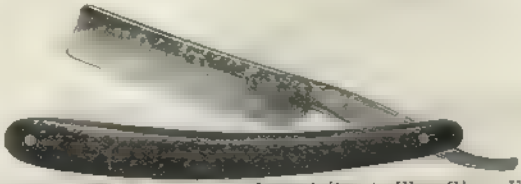
Antiseptic, Three-quarter Concave Blade, Fine Glaze Finish, Gold Etching, Patented Felt Lined, Black Rubber Handle — Per Dozen

No. 473—⅝ in. Blade, Square Point.. $35.35

No. 473R—⅝ in Blade Round Point .. 35 35

Weight Per Dozen About 3 Pounds

One-twelfth Dozen in Slip Case, One Dozen in a Box.



Our Own, Hollow Ground, Honed Point Fine Glaze Finish, Black Etching Fine Tang, Black Rubber Handle — Per Dozen

No. 226—⅝ in. Blade $18.90

Weight Per Dozen About 2 Pounds

One-half Dozen in a Box

RAZOR ASSORTMENTS

In Silk Lined Imitation Alligator or Seal Display Case, with Glass Top. — Per Case

No. 521—Assortment, Containing Six Razors, ⅝ in Extra Hollow Ground Etched Blades, Assorted Points, Assorted Ivory, Celluloid and Black Rubber Handles..... $16.75

Weight Per Assortment About 1 Pound

One Assortment in a Case

CORN RAZORS

Full Crocus Polished Blades. — Per Dozen

No. 125—Ivory Celluloid Handle..... $ 8 00

No. 126—Pearl Handle 20.00

Weight Per Dozen About ½ Pound.

One-half Dozen in a Box.

Razor Handles Only.

Black Rubber, Oval Shape, German Silver Rivets and Washers

For Blades Inches	½	⅝	¾
Weight Per Dozen About, Lbs.	½	½	½
Per Dozen	$2.70	2.70	2.70

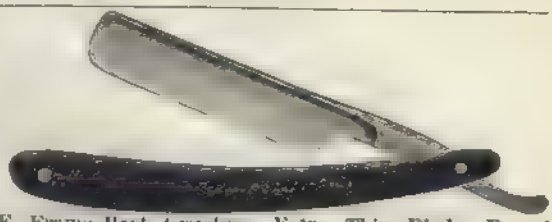
Open Stock.

Razors.

Cuts Half Size

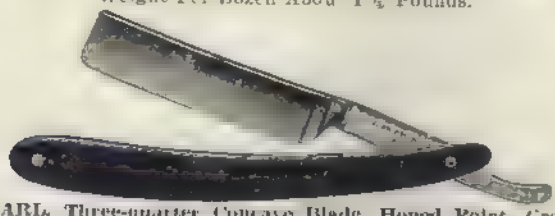
GOLD BOND, Bullet Head, Extra Full Concave Blade, Honed Point, Very Fine Glaze Finish, Electro Gold Plated Back and Tang, Amber Celluloid Handle.

Per Dozen
No. 1000—⅝ in. Blade $40 00
Weight Per Dozen About 1½ Pounds.



PRINCE, Frame Back Grinding, Extra Thin Blade, Round Point, Full Crocus Polish, Black Rubber Handle.

Per Dozen
No. 920—⅝ in. Blade. $26 65
Weight Per Dozen About 1⅞ Pounds



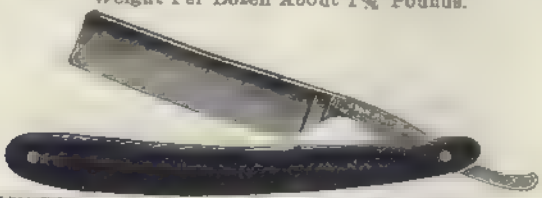
PEARL, Three-quarter Concave Blade, Honed Point, Crocus Polish on Face Side, Black Etching, Pearl Tang, Black Rubber Handle. Per Dozen
No. 980—⅝ in. Blade. $46.75
Weight Per Dozen About 2½ Pounds

BRILLIANT, Three-quarter Concave Blade, Dish Point, Fine Glaze Finish, Black Etching, File Tang, Ivory Celluloid Handle. Per Dozen
No. 850—⅝ in. Blade. $26.65
Weight Per Dozen About 1¾ Pounds

CACTUS, Extra Full Concave Blade, Honed Point, Damascus Etching, Handle with Center Support. Per Dozen
No. 60B—⅝ in. Blade, Black Rubber Handle. $40.00
No. 60W—⅝ in. Blade, Ivory Celluloid Handle. 40.00
Weight Per Dozen About 1¾ Pounds.

BEAUTY, Three-quarter Concave Blade, Honed Point, Crocus Polish on Face Side, Gold Etching, Ivory Celluloid Handle.

Per Dozen
No. 825—½ in. Blade. $26 65
Weight Per Dozen About 1⅝ Pounds

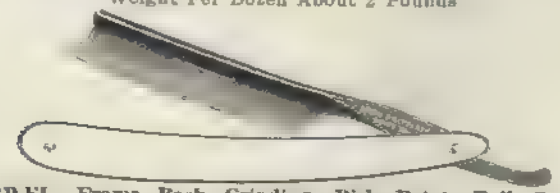


SPLENDID, Full Concave Blade, Honed Point, Fine Glaze Finish, Black Etching, File Tang, Black Rubber Handle.

Per Dozen
No. 900—⅝ in. Blade. $31.15
Weight Per Dozen About 2 Pounds

FAMOUS, Three-quarter Concave, Honed Point, Fine Glaze Finish, Black Etching, Black Rubber Handle.

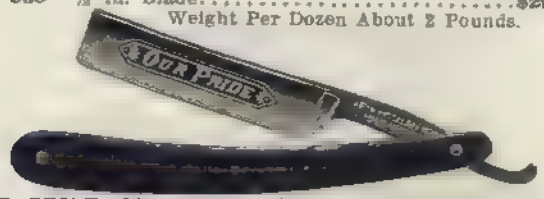
Per Dozen
No. 800 ⅝ in Blade. $22 25
Weight Per Dozen About 2 Pounds.



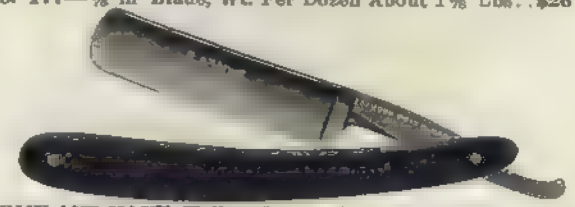
JEWEL, Frame Back Grinding, Dish Point, Full Crocus Polished, Gold Etching, File Tang, Ivory Celluloid Handle.

Per Dozen
No. 935—⅝ in. Blade. $29 00
Weight Per Dozen About 2 Pounds.

EBONY, Three-quarter Concave Blade, Honed Point, Fine Glaze Finish, Gun Metal Finish Back and Tang, Black Rubber Handle. Per Dozen
No. 177—⅝ in Blade, Wt. Per Dozen About 1⅝ Lbs. . $26 65



OUR PRIDE, Three-quarter Concave Blade, Honed Point, Crocus Polish on Face Side, Gold Etching, Black Rubber Handle. Per Dozen
No. 812—⅝ in. Blade. $26.65
Weight Per Dozen About 1½ Pounds.



ARMY AND NAVY, Hollow Ground Blade, Round Point, Finely Glaze Finished, Black Etching, Black Rubber Handle.

Per Dozen
No. 375—⅝ in Blade. $17 80
Weight Per Dozen About 2¼ Pounds.

All Above, One-half Dozen in a Box.

COASTER WAGONS

BUFFALO

Well Seasoned Second Growth White Ash Body Natural Finish, Bright Vermilion Hand Ornamentations Standard Automobile Style Wheels. Cold Rolled Pressed Steel Hub and Bushing, Well Seasoned Second Growth White Ash Spokes, ⅛x¾ in. Felloe, ⅛x¾ in. Flat Steel Tire Electrically Welded and Shrunk on Felloe by Hydraulic Pressure, Hard Drawn Bessemer Steel Roller Bearings Cold Drawn Steel Axles, Dust Caps Protecting Hubs and Bearings, with Cotter Pins, Bright Vermilion Finish, Striped in Black, Varnished, ½ in. King Bolts, Well Seasoned Hard Maple Bolsters, Handsomely Shaped and Ironed.

Roller Bearing, Removable Body.

Nos.	1	2	3	4
Body, Inches	14x32	14x34	16x38	18x40
Wheels, Inches	8	10	10	12
Weight Each, Lbs.	25	30	35	40
Per Dozen	$66.00	72.00	80.00	90.00

Roller Bearing, Quick Detachable Box.

Nos.	11	22	33	44
Body, Inches	14x32	14x34	16x38	18x40
Wheels, Inches	8	10	10	12
Weight Each, Lbs.	25	30	35	40
Per Dozen	$69 00	75.00	83.00	93.00

Nos. 1 and 11, Two in a Carton; Balance, One in a Carton

Auto Wheel, Roller Bearing.

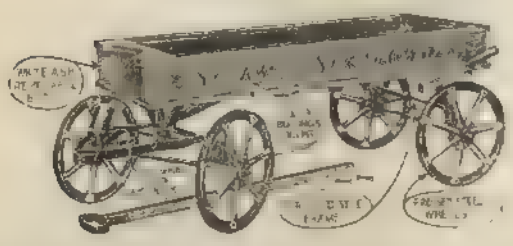
	Per Dozen
No. 0—12x28 in. Body, 8 in. Wheels, Weight Each 20 Lbs.	$56 00

The No. 0 Auto Wheel Coaster is designed to meet the demand for a medium priced coaster, which in all the absolute essentials of speed, durability and general all-round efficiency, will satisfy the ambitions of all boys, but those who have the financial resources to demand and get only the best.

Two in a Carton.

COASTER WAGONS

SHERWOOD SPRING



Selected White Ash Removable Body, Natural Finish Pressed Steel Frame, Steel Spring Shock Absorbers, Pressed Steel Wheels with Enclosed Steel Roller Bearings, Frame Painted Black, Wheels in Vermilion.

Hardwood Brake and Handle.

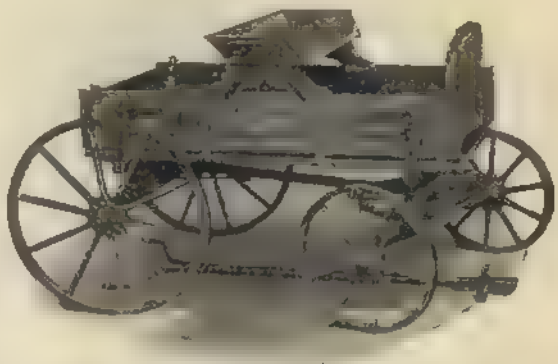
Nos.	32	34
Body, Inches	14x32	14x34
Wheels, Inches	8	10
Weight Each, Lbs.	31	34
Per Dozen	$66.00	78.00

Strongest and best wheels made, run easily under all conditions. No. 34 was tested for strength with 3 planks and 14 men on the coaster, a total weight of 2,301 pounds

One in a Container

FARM WAGONS

BUFFALO



Auto Type Wheels, Roller Bearing.

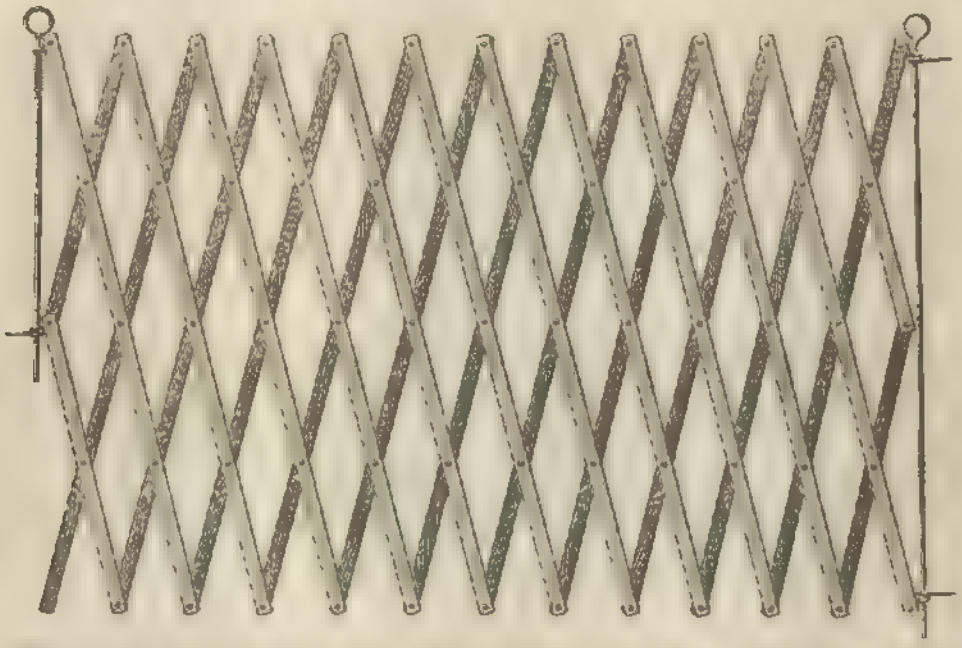
	Per Dozen
No. 8—18x36 in. Body, 14 in. Front Wheels, 26 in. Rear Wheels, Complete with Seat and Tongue Weight Each 70 Lbs.	$144 00
Extra Shaft—Size Inside 13x33 in.	24.00

This wagon has auto wheels same as used on Buffalo Coaster Wagons. The roller bearings gives it speed and ease of operation, beyond other types of wagons.

The No. 8 Wagon is constructed of the very best materials the markets afford. In every detail it is as perfect as the real farmer's wagon.

One in a Crate.

PORCH OR STAIR GATES



Selected Hardwood, Finished in Two Coats of Water Proof Varnish, Tinned Metal Rods.

	Each
No. 1—33 in. High, 4 ft. Long when Open, without Center Support, Weight Per Dozen 180 Lbs.	$.
No. 2—33 in. High, 8 ft. Long when Open, with Center Support, Weight Per Dozen 240 Lbs.	.

Complete with two standards which are held in place by iron braces. The standards are an important feature owing to the many porches having brick stone or concrete columns. Also used at the head of a stair. The center support and fastenings are held in place by springs out of reach of the child.

COASTERS

FIRE FLY

Spring Steel ⊥ Shaped Runners, Very Strong Vertically, but Flexible Sidewise. Hardwood Frame and Top, Nicely Decorated and Varnished, Runners Finished in Red.

Guided by the Steering Bar Carving the Runners to the Right or Left as Desired. Light, Fast and Strong.

Nos. 9 to 11.

No. 12.

	Each
No. 9—Length 32 in., Height 6 in., Width 11 in., Weight Each 7 Lbs.	$2 25
No. 10—Length 36 in., Height 6 in., Width 12 in., Weight Each 8 Lbs.	2 75
No. 11—Length 40 in., Height 6¼ in., Width 13 in., Weight Each 9½ Lbs.	3 50
No. 12—Length 45 in., Height 6¼ in., Width 14 in., Weight Each 11½ Lbs.	4 00

	Each
Racer Length 49 in., Height 6 in. Width 13 in., Weight Each 10⅛ Lbs.	$4 25

Police Lanterns.

No. 20.

Japanned Brown.

No. 20—2¾ in. Bull's Eye Lens, Tin with Slide and Adjustable Bottom to Remove Lamp . . . Per Dozen ..$9 35

Weight Per Dozen About 8 Pounds
One-twelfth Dozen in a Package

Tubular Hanging Lamps.

DIETZ PIONEER

These Lamps give a light equal to 22 Candle Power. Can be Filled, Lighted, Regulated and Extinguished without Removing the Globe. Are not affected by the Strongest Wind. Can be Regulated to Burn a Certain Number of Hours. Fount Holds Sufficient Oil to Burn 24 Hours

DIETZ PIONEER CRYSTAL

Tin Fount. Each

No. 3—21½ in. High Over All, Cold Blast, Round Tubular, Heavy Tin, Painted Green, Stamped Base, Automatic Extinguisher, Pioneer Globe, No. 3 Tinned Steel Burner, 1½ in. Wick, Capacity of Fount 24 Hours..... $7.80

Weight Each About 24 Pounds
One in a Box

Glass Fount. Each

No. 03—21½ in. High Over All Cold Blast, Round Tubular, Heavy Tin Painted Green Stamped Base, Automatic Extinguisher, Pioneer Globe No. 3 Tinned Steel Burner, 1½ in. Wick, Capacity of Fount 24 Hours..... $8 00

Weight Each About 24 Pounds.
One in a Box

Street Lamps.

DIETZ PIONEER

DIETZ PIONEER CRYSTAL

Tin Fount, for Post or Bracket. Each

No. 3—25½ in. High Over All, Cold Blast, Round Tubular, Heavy Tin, Painted Green, 2⅞ in. Socket Opening, Automatic Extinguisher, Pioneer Globe, No. 3 Tinned Steel Burner, 1½ in. Wick, Capacity of Fount 24 Hours.....$7.25

Weight Each, About 27 Pounds
One in a Box.

Glass Fount, for Post or Bracket. Each

No. 03—25½ in. High Over All, Cold Blast Round Tubular, Heavy Tin, Painted Green 2⅞ in. Socket Opening, Automatic Extinguisher Pioneer Globe, No. 3 Tinned Steel Burner, 1½ in. Wick, Capacity of Fount 24 Hours..... $8 35

Weight Each, About 27 Pounds.
One in a Box.

These Lamps are not Affected by the Strongest Wind Have Patent Globe Lifter, Outside Wick Regulator Do Not Smoke. Can be Regulated to Burn a Certain Number of Hours Founts Hold Sufficient Oil to Burn 24 Hours.

Nos. 2 and 3.

Square Lamps.

DIETZ IMPERIAL

Cold Blast, Tubular.

Each

No. 2—21½ in. High Over All, Japanned Blue, 8 in. Silvered Glass Reflector, No. 3 Tinned Steel Burner, 1½ in. Wick, Regulated from the Outside, Capacity of Fount 17 Hours, Weight Each About 21 Lbs.....$ 9.50

No. 3—25½ in. High Over All, 12 in. Silvered Reflector, Capacity of Fount 22 Hours, Otherwise Same as No. 2, Weight Each About 35 Lbs. 13 90

One in a Box

Lamp Brackets.

French Bronze Finish. Per Dozen
No. 70—11 in Projection, 5 in. Disk..... $1.90
Weight Per Dozen About 10 Pounds.
One Dozen in a Box

French Bronze Finish. Per Dozen
No. 073—13 in. Projection, with Thumb Screw and Nut for Holding Reflector, Cut Threads.....$4.15
Weight Per Dozen About 27 Pounds
One-half Dozen in a Box

Per Dozen
No. 173—Wall Plates Only.....$0.60
No. 273—Bowls Only 1.35

Glass Reflectors.

Silvered Glass. Per Dozen
No. 18—8 in. Diameter, for Bracket Side Lamps.....$5.00
Weight Per Dozen About 8 Pounds.
Three Dozen in a Box.

Reflector Screws.

Per Dozen
No. 19—Screws Only, for Use with Above $0.25

Glass Founts.

Groove Filler.

Per Dozen
No. 02—With Outside Filler, Takes No. 2 Burner, for Iron Chandeliers and Lamp Brackets $2.25
Weight Per Dozen About 13 Pounds.
Five Dozen in a Box

Handled Grove Filler.

Per Dozen
No. 2—With Outside Filler, Takes No. 2 Burner, for Iron Chandeliers and Lamp Brackets..$3.35
Weight Per Dozen About 15 Pounds
Four and One-half Dozen in a Box

Founts and Burners.

No. 3. Per Dozen
No. 2—For No. 2 Square Tubular Street Lamps $30.00
No. 3—For No. 3 Pioneer Tubular Street and Hanging Lamps 26.65
No. 03—For No 03 Pioneer Crystal Tubular Street and Hanging Lamps 36.70
Weight Per Dozen About 15 Pounds.

Burners.

EAGLE, LAMP

Brass.

Per Dozen
No. 1—⅞ in., for No. 1 Chimneys $1.25
No. 2—1 in., for No. 2 Chimneys. 1.70
Weight Per Dozen About 1½ Pounds
One Dozen in a Box.

CLIMAX, LAMP

Brass.

Per Dozen
No. 607—1½ in. Wick, for Nos. 2 or 3 Collars.....$3.35
Weight Per Dozen About 2½ Pounds
One Dozen in a Box.

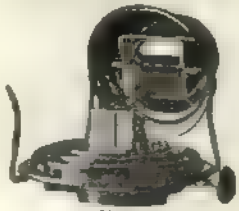
BING'S LAMP

Glass Cone Tops. Per Dozen
No. 1B—⅞ in., for No. 1 Chimneys $4.00
No. 2B—1 in., for No. 2 Chimneys 4.50
Weight Per Dozen About 3 Pounds.

Per Single Dozen
Extra Glass Cones—For Bing's Lamp Burners $0 80
One-twelfth Dozen in a Carton; One Dozen in a Box

Burners.

BRILLIANT LAMP



Brass.

Per Dozen
No. 10—1 in., for No. 2 Chimneys, Fitted with Steel Gas Generating and Smoke Consuming Device $3.35
Weight Per Dozen About 2 Pounds
One Dozen in a Box.

FENDER

Per Dozen
No. 25—⅞ in. Wick, for No. 2 Chimneys, Wide Open Passage from Base to Flame....$2 80
Weight Per Dozen About 2 Pounds
One Dozen in a Box

Steel Belt Lacing.

BRISTOL PATENT

No. 1 Style, Assorted Widths, for Leather Belts.

Per Box of 100 Inches

No. 1—For Ordinary Single Leather Belts, from ⅛ to ¼ in. Thick, App. Weight Per Box 1 Lb.....**$1 35**

No. 2—For Extra Heavy and Wide Single Leather Belts, from ¼ to ⅛ in Thick, App. Weight Per Box 2 Lbs. **1.80**

No. 3—For Double Leather Belts, from ⅛ to ⅜ in Thick, App. Weight Per Box 2¾ Lbs..... **2.25**

Packed in Assorted Widths Each Box Contains Enough to Lace 100 Inches in Widths of Belts

Staggered Point Style, Assorted Widths, for All Kinds of Belts.

Per Box of 100 Inches

No. 110½—For All Kinds of Belts (Ordinary Single Leather Two-Ply Rubber and Cotton Belts on Small Pulleys), from ⅛ to ⅛ in Thick App. Weight Per Box 1¼ Lbs... . **$1.15**

No. 111—For All Kinds of Belts (Ordinary Single Leather, Three-Ply Rubber and Cotton Belts), from ⅛ to ⅛ in. Thick, App. Weight Per Box 1⅛ Lbs. . . . **1.35**

No. 112—For All Kinds of Belts (Extra Heavy and Wide Single Leather, Four-Ply Rubber and Cotton Belts), from ¼ to ⅛ in Thick App. Weight Per Box 2⅛ Lbs..... **1.80**

Packed in Assorted Widths. Each Box Contains Enough to Lace 100 Inches in Width of Belts

Horse Shoes.

BURDEN'S EASY, IRON

Front.

Nos.	1	2	3	4	5	6
Weight Each, Oz.	11	14	18	20	20	2

No 2 and Larger, One Size in a Keg ..... Per Keg, $.

Smaller than No. 2 ..... Add Per 100 Lbs. 2

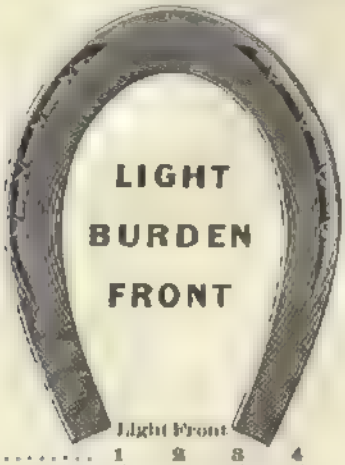
For More than One Size in a Keg..... Add Per 100 Lbs. 1

Hind.

Nos.	1	2	3	4	5	6
Weight Each, Oz.	10	13	15	18	21	25

These Shoes can also be used as Snow or Roadster Shoes

BURDEN'S IRON



Light Front.

Nos.	1	2	3	4	5	6	7
Weight Each, Oz.	14	17	21	25	30	35	39

No. 3 and Larger, One Size in a Keg . Per Keg, $

Smaller than No. 3... Add Per 100 Lbs. 25

For More than One Size in a Keg ..... Add Per 100 Lbs. .15

Light Hind.

Nos.	1	2	3	4	5	6	7
Weight Each, Oz.	12	14	18	22	27	31	3[illegible]

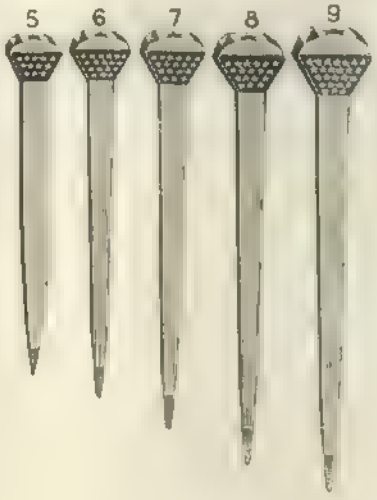
One Hundred Pounds in a Keg, as Follows: Fore Shoes, Each Size Separate; Hind Shoes, Each Size Separate. Fore and Hind Shoes, Each Size Separate and Assorted, Nos 1, 2 and 3; 2 3 and 4 3, 4 and [illegible]

Horse Shoe Nails.

STAR

Cuts Full Size

Prices on Application.



Patent Finish.

	Small Head.					Large Head.				
Nos.	5	6	7	8	9	5	6	7	8	9
Per Pound	$0.26	.23	.21	.20	.19	$0.26	.23	.21	.20	.19

AJAX

Large Head.

Nos.	5	6	7	8	9
Per Pound	$0.26	.23	.21	.20	.19

Five Pounds in a Paper Box; Twenty-five Pounds in a Wooden Box.

Toe Calks.

JUNIATA

Steel, Medium Pattern, Regular Length.

Nos.	1	2	3
Size, Inches	1⅛x⅛x⅝	1⅜x⅛x⅛	2x⅜x⅛
Per Pound	$0.09	.09	.09

Nos.	4	5	6
Size, Inches	2¼x⅛x7/8	2⅛x⅛x⅞	2⅝x⅛x⅛
Per Pound	$0.09	.09	.09

Twenty-five Pounds in a Box

Coil Leather Axle Washers.

No. 1

For Axle, Inches	⅞	1	1⅛	1¼
Outside Diameter, Inches	1⅛	1¼	1⅜	1½
Per Hundred	$0.28	.30	.34	.44

Twenty in a Coil; Five Coils in a Box.

Felloe Oilers.

SPERRY'S

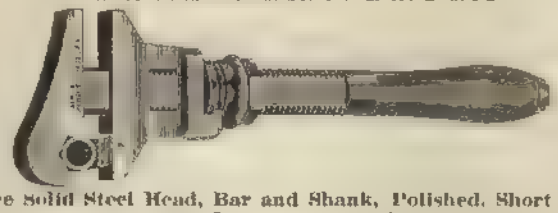
Cast Iron.

	Each
No. 1—For Wide Tire Wheels, 34 in. Long, 5 in. Wide, 6 in. Deep, Weight Each About 15 Lbs	$2 00
No. 2—For 2 in. Tire Wheels, 28½ in. Long, 3 in. Wide, 4 in. Deep, Weight Each About 10 Lbs	1.15

PIPE WRENCHES

B. & C. COMBINATION PIPE AND NUT

This is a strong and serviceable combination of a nut and pipe wrench, and is equally efficient in either capacity.



Especially useful on general work, as it obviates employing two wrenches

No. 43 Forged One Piece Solid Steel Head, Bar and Shank, Polished, Short Nut, Hardwood Handle.

Length, Inches	8	10	12	15	18
Takes Pipe, Inches	¼ to ¾	⅛ to 1	½ to 1¾	½ to 2¼	½ to 3
Weight Per Dozen, Lbs.	15	25	36	52	81
Per Dozen	$21.00	28.00	28.00	37.00	66.00

One-half Dozen in a Box.

GENUINE STILLSON

6 to 14 in., Wood Handle.

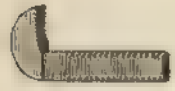
18 to 36 in., Solid Steel Handle.

Drop Forged Steel, Blued, Double Spring.

Length Open, Inches	6	8	10	14	18	24	36	48
Takes Pipe, Inches	⅛ to ½	⅛ to ¾	⅛ to 1	¼ to 1½	¼ to 2	¼ to 2½	¼ to 3½	1 to 5
Weight Each, Lbs.	¼	½	1½	2½	4½	7½	15	23
Each	$2.00	2 25	2.50	3 50	5 00	7 25	13.50	20 00

6 to 24 in., Six in a Box; 36 and 48 in., One in a Box.

EXTRA PARTS FOR STILLSON WRENCHES



For French, Inches	Jaw. 6	Frame. 8	10	Adjusting Nut. 14	18	Wood Handle. 24	36	48
Jaw, Each,	$0.75	.80	.85	1.15	1 75	2 25	4.35	7 50
Frame, Each,	.38	.42	.50	.60	75	95	1 70	2 20
Adjusting Nut, Each,	.12	.15	.20	.30	.35	.55	1.10	1 50
Wood Handle, Each,	.16	.16	.18	.25	28	....	..	. ..

GENUINE TRIMO

Nut with Guards Inserted.

Showing Nut Guards Separate.

Drop Forged Bar Steel Handle, Frame and Jaws, Polished Head, with Steel Nut Guards Preventing Accidental Rotation of the Adjusting Nut in Close Quarter Work.

The Movable Jaw and Nut are made with round top and bottom threads, guaranteed not to strip or burr.

Length Open, Inches	6	8	10	14	18	24	36	48
Takes Pipe, Inches	⅛ to ½	⅛ to ¾	⅛ to 1	¼ to 1½	¼ to 2	¼ to 2½	½ to 3½	1 to 5
Weight Each, Lbs.	⅞	¾	1½	3	5	8½	17	24
Each	$2 00	2 25	2 50	3 50	5.00	7.25	13 50	20 00

6 to 24 in , Six in a Box; 36 and 48 in., Two in a Box

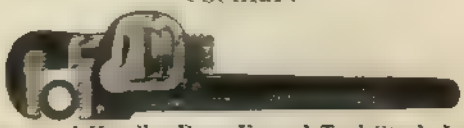
EXTRA PARTS FOR TRIMO WRENCHES

For Wrench, Inches	Inserted Jaw. 6	Movable Jaw. 8	10	Frame. 14	18	Nut. 24	36	48
Movable Jaw, Each,	$0 75	80	.85	1 15	1 75	2.25	4 35	7 50
Inserted Jaw, Each,	35	40	.50	60	.70	.80	1 10	2 00
Frame, Each,	.38	.42	.50	.60	.75	.95	1.70	2.20
Nut, Each,	.12	.15	.20	.30	.35	.55	1.10	1.50
Nut Guards, Each,	.15	.15	.20	.30	.35	.45	.55	.65

PIPE WRENCHES

COCHRAN

Has Rocker Bearing that takes the strain which in ordinary wrenches is Thrust Upon the Helpless Frame Pin.



Perfect Grip and Release. Cannot be Injured by Side Pull, Owing to its Solid Frame Construction.

One Solid Piece Frame and Handle, Drop Forged Tool Steel Jaws, Rocker Bearing.

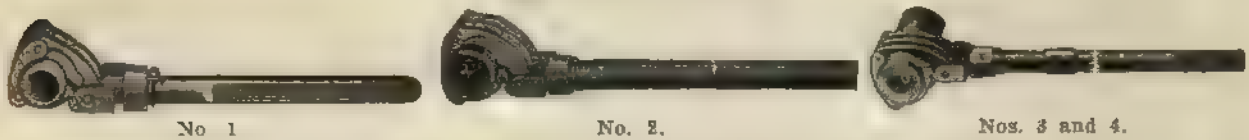
Length, Inches	6	8	10	14	18	24	36
Takes Pipe up to, Inches	½	¾	1	1½	2	2½	3½
Weight Each, Lbs	½	¾	1½	3	5	8	16
Each	$2 00	2 25	2 50	3 50	5.00	7.25	13.50

6 to 24 in., Six in a Box; 36 in., Two in a Box.

EXTRA PARTS FOR COCHRAN PIPE WRENCHES

For Wrenches, Inches		6	8	10	14	18	24	36
Movable Hook Jaw	Each,	$0.75	.80	.85	1.15	1.75	2.25	4 35
Inserted Jaw with Pin	Each,	.35	40	.50	.60	.70	.80	1.10
Rocker	Each,	.25	.25	.30	.40	.50	.75	1.30
Nut	Each,	20	20	.30	.35	.50	.65	1.10
Spring	Each,	10	10	.10	.10	.10	.15	.20

WALWORTH PARMELEE



No. 1 — No. 2. — Nos. 3 and 4.

With Nut Lock, Drop Forged Steel Working Parts, Ratchet Action.

Will make up nipples without damage to threads. No lost motion. Works in closest places. Takes new hold with slightest movement. Makes or breaks tightest joints. No teeth it cannot chew. Does not mar brass pipe.

Nos.	1	2	3	4
Length, Inches	10	20	25	30
Takes Pipe, Inches	⅜ to 1	1 to 2	2 to 3	3 & 4
Weight Each, Lbs	5¼	17	19	36
Complete with Girths, Each	$5 00	7 50	9 50	30.00
Without Girths, Each	2 25	3.00	5 00	15.00

EXTRA GIRTHS

For Wrenches, Nos.	1	2	2	3	4	4
Size, Inches	⅜, ½, ¾, 1	1, 1¼	1½, 2	2, 2½, 3	3	4
Each	$0.75	1.00	1.25	1.50	8.00	9.00

Open Stock.

JOHNSTON AUTOMATIC

A Strictly High Grade Drop Forged Steel Pipe Wrench.

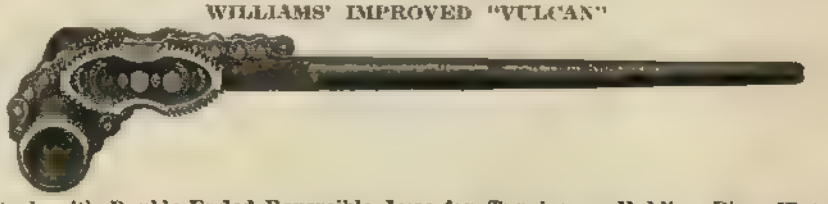
Never Jams.
Self-Adjusting.
Self-Releasing.

Length Open, Inches	10	16	24
Takes Pipe, Inches	⅛ to 1	⅛ to 1½	½ to 2½
Weight Each, Lbs	1½	2½	9½
Each	$2 25	3.00	6 00
Extra Swing Jaw, Each.	.75	1.00	2.00

Open Stock.

WILLIAMS' IMPROVED "VULCAN"

These Wrenches combine the merits of all other chain pipe wrenches as well as special advantages of their own.



Drop Forged Steel, with Double-Ended Reversible Jaws for Turning or Holding Pipe, Flat Link Chain.

Nos.	30	31	32	33	33½	34	35
Full Length, Inches	13¾	20	27	37	44½	50½	64½
Takes Pipe, Inches	⅛ to ¾	⅛ to 1½	¼ to 2½	¾ to 4	1 to 6	1½ to 8	2 to 12
Length of Chain, Inches	9½	13½	17½	22½	31	39	74½
Breaking Strain, Chain, Lbs	3600	6700	9800	12500	14300	15700	21600
Weight Each, Lbs	2⅜	5¾	10	16	24	31	50
Each	$2.50	3.50	5.00	7.00	9.00	11.00	18.00
Extra Chain, Each,	.75	1.00	1.50	2.50	3.50	4.50	7.50
Extra Jaws, Per Pair,	1.00	1.75	2.75	4.00	4.75	5.50	7 50

Open Stock.

BEMIS & CALL WRENCHES

Unexcelled for DURABILITY, QUALITY and GRIPPING POWER.

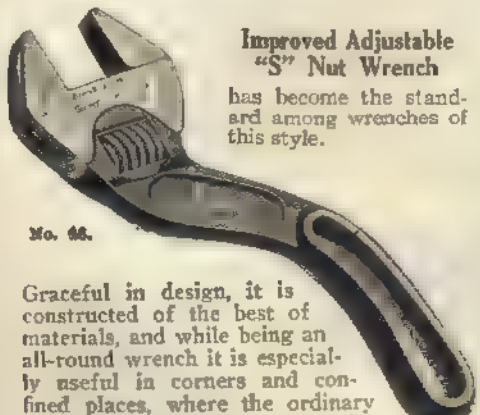
Combination Pipe and Nut Wrench

A strong and serviceable combination of a nut and pipe wrench equal to efficient in either capacity. The jaws interchangeable.

No. 45.

Especially useful on general work as it obviates employing two wrenches. This Wrench is provided with a *long nut* or *sleeve*, which not only protects the thread and prevents it from being damaged, but allows the whole hand to be applied when making adjustments.

ALL OUR WRENCHES ARE THOROUGHLY TESTED AND WARRANTED.



Improved Adjustable "S" Nut Wrench

has become the standard among wrenches of this style.

No. 48.

Graceful in design, it is constructed of the best of materials, and while being an all-round wrench it is especially useful in corners and confined places, where the ordinary monkey wrench is nearly useless.

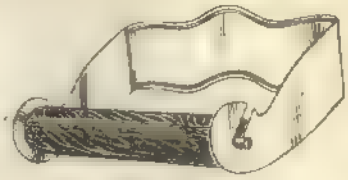
The operating nut is easily adjusted by the thumb of the hand that holds it. All parts strong, durable, and interchangeable.

Send for Catalogue of WRENCHES THAT SELL

Bemis & Call Hardware and Tool Co.

SPRINGFIELD, MASS.

TOILET PAPER HOLDER



No. 823.

This is a newly proportioned holder, designed to meet the demands of the most exacting.

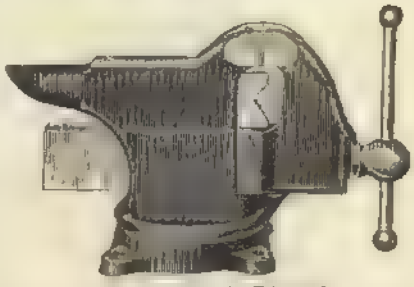
The popularity of this holder, attested by its quick sales, will warrant a trial order from you.

Write today for catalogue o, our quick selling profit producing, 5-10-25c Hardware Specialties

Forsyth Metal Goods Co.

Buffalo, N. Y.

ROCK ISLAND AUTOVISES



241—SWIVEL AUTOVISE

This is called our swivel autovise, 3½" jaws, weighing 80 lbs., and is adapted for automobile and heavy repair work. We also make a stationary autovise known as No. 231 with 3" jaws, weighing 32 lbs., and is suitable for the individual automobile owner. These vises are a combination of vise jaws, pipe jaws and anvil.

ROCK ISLAND MFG. CO.

ROCK ISLAND, ILL.

Send for Catalog of Largest and Most Complete Line of Vises Mfg'd.

How We Co-operate With Louden Dealers

Louden products are nationally advertised. Millions of barn owners are familiar with Louden Barn Equipment. Are you reaping the benefit of this wide publicity?

We help you move the goods. We supply valuable dealer helps in the form of printed matter, barn plans, electrotypes, and prepared advertisements for local papers.

We protect you fully in the sale of Louden products. Inquiries are referred to the dealers from whose territories they are received. Exclusive sales privileges are granted.

Ask for our terms to dealers

The Louden Machinery Co. (Est. 1867)
7602 Court St., Fairfield, Iowa

Pipes are turning for this new B. & S. Wrench

AN alligator wrench of light proportions, but strong and durable. The serrated jaw with handle is made of **tool steel.** The movable jaw carries a long sliding sleeve, and nurl of ample size. The wrench is drop-forged throughout. A desirable tool on automobiles and for general work. Write for prices.

Billings & Spencer Co.
HARTFORD, CONN.

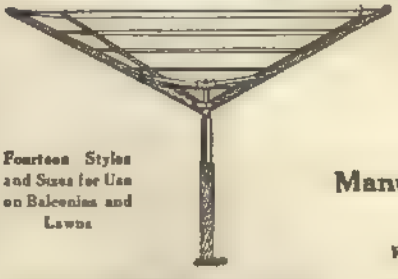
100 Lafayette St., New York

THE JAMES SWAN COMPANY, Seymour, Conn.

Manufacturers of all kinds of BITS, CHISELS, DRAW KNIVES, GOUGES, GIMLETS, AUGERS, NAIL SETS, SCREW DRIVERS, COUNTER-SINKS, BORING MACHINES and EXPANSIVE BITS.

Buy only Carpenters' Tools bearing the Trade Mark which stands for quality.

Awarded Medal of Honor on Mechanics Tools at Panama-Pacific Exposition.



Fourteen Styles and Sizes for Use on Balconies and Lawns

Felsco TRADE MARK SPECIALTIES

Manufactured expressly for the jobbing trade.

Write for catalogue and price list.

Seven Styles and Sizes

FELLOWS & CO., 127 Portland St., Boston, Mass.

"The car the public built"
"The latest Briscoe Beauty"
BRISCOE Twenty Four
$585
Electric starting and lighting; full equipment
3⅛ x 5½ motor four full elliptic springs 104-inch wheelbase

A Success? Ask the Dealers Who Contracted for Thousands of Briscoe Cars at the National Shows

Literally, "the car the public built"

The Briscoe Twenty-four is the successful achievement of Benjamin Briscoe's desire to give to the average man everything he wants in a motor car, at a lower price than he expected to pay. It is not merely a car that the public will take—it's a car that the public will clamor for—is clamoring for already, when our first announcements are hardly dry from the press.

You can see that it has a beauty of line that spells pride of possession; it has the same 3⅛ x 5½ motor that made the $785 1915 Briscoe a whirlwind success; it is electrically started and lighted, and fully equipped; it rides on four full elliptic springs; it has a 104-inch wheelbase, with 30 x 3½ tires and demountable rims.

Think what YOU can do with such a car in your territory.

A $6,000,000 Company Backs It

The Briscoe Motor Corporation, as you know, recently decided to make every part of its cars in its own factories. To make this possible, the capital was increased to $6,000,000, and numerous parts and accessory plants were purchased -among them the $1,000,000 Jackson plants of the Lewis Spring and Axle Company.

Today, the company is fully equipped for a minimum production of 30,000 cars

10,000 of the present successful models, 15,000 of "the latest Briscoe beauty," and 5,000 of a convertible light-delivery wagon on the "Twenty-four" chassis.

If you wait, you lose.

"A line of three leaders"

"De Luxe in everything but price"

BRISCOE Four DE LUXE Eight

FOR $750 $950

Electric starting and lighting full equipment, including extension lamp, one-man top and speedometer

38 h p motor; 114-inch wheelbase, full cantilever rear springs; touring, cloverleaf roadster and closed models

With the Briscoe "Line of Three Leaders," 80% of Buyers in Your Territory Are Prospects

De Luxe Models at Popular Prices

That expresses in a phrase the Briscoe De Luxe Eight 38 and Four 38. The same chassis and body construction is maintained in each, the sole difference being in the motor and adjustments. The famous body-design that because of its distinctiveness has been christened "Briscoe-line" is accentuated in the 1916 models.

The show verdict was that they would be easily the most beautiful cars on the road this year, bar none. The rear spring suspension is full cantilever type, insuring exceptional riding comfort.

With these two models and the Briscoe Twenty-four you can make this easily your best year.

Think of it. Then wire—or, if you prefer send in the coupon at the right.

A Good Company to Tie to

You may be asked to consider a number of cars this year, but you'll never have an opportunity to associate [illegible] with another organization that offers both the present profit and future permanency, increasing prospects for the dealer.

No company has a finer name to live better financial assuring that the Briscoe [illegible] have every advantage of artistic [illegible] Nowhere is better equipped to turn out good cars in quantities at low prices.

The coupon's at the right—or a telegraph blank is on your desk.

Coupon

Briscoe Motor Corporation
100 Wildwood Ave.
Jackson, Michigan

Gentlemen:

Please send me complete literature and dealer proposition on "the line of three leaders."

My territory is. . . .

I handled last year..... cars

If my territory is open please do not close for it until I communicate with you again.

Name . . . .

Address

BRISCOE MOTOR COMPANY
JACKSON, MICHIGAN

The Jeffery Four
—Five Passenger **$1000**

Now the Jeffery

A light-weight, high-power, fast-going motor car—destined to dominate its class just as the Jeffery Four dominates in the $1000 class.

Dealers who are looking for a car that out-demonstrates any car in its field are finding exactly what they want in the new Jeffery Six. This car is a big, powerful, light-weight automobile, with more than enough speed—and hill-climbing ability that makes the veterans sit up and take notice

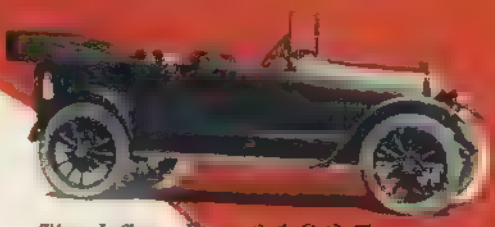
Wire for

The Thomas B

Main Office and W

The Jeffery Roadster
Three Passenger **$1000**

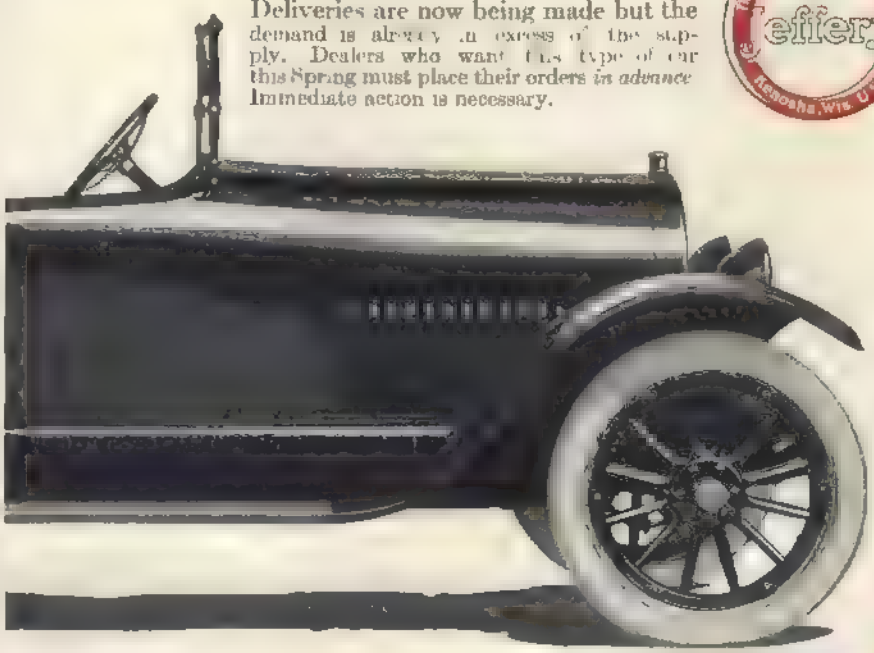
Comes Six—$1450



The Jeffery Four $1035
—Seven Passenger

Seven passenger—121 inch wheel base · 35 x 4½ inch tires · six cylinder motor, 3 1/4" bore x 5½" stroke · high tension magneto ignition · electric starting and lighting · divided front seats · advanced type roll edge body – shipping weight, 3050 lbs.

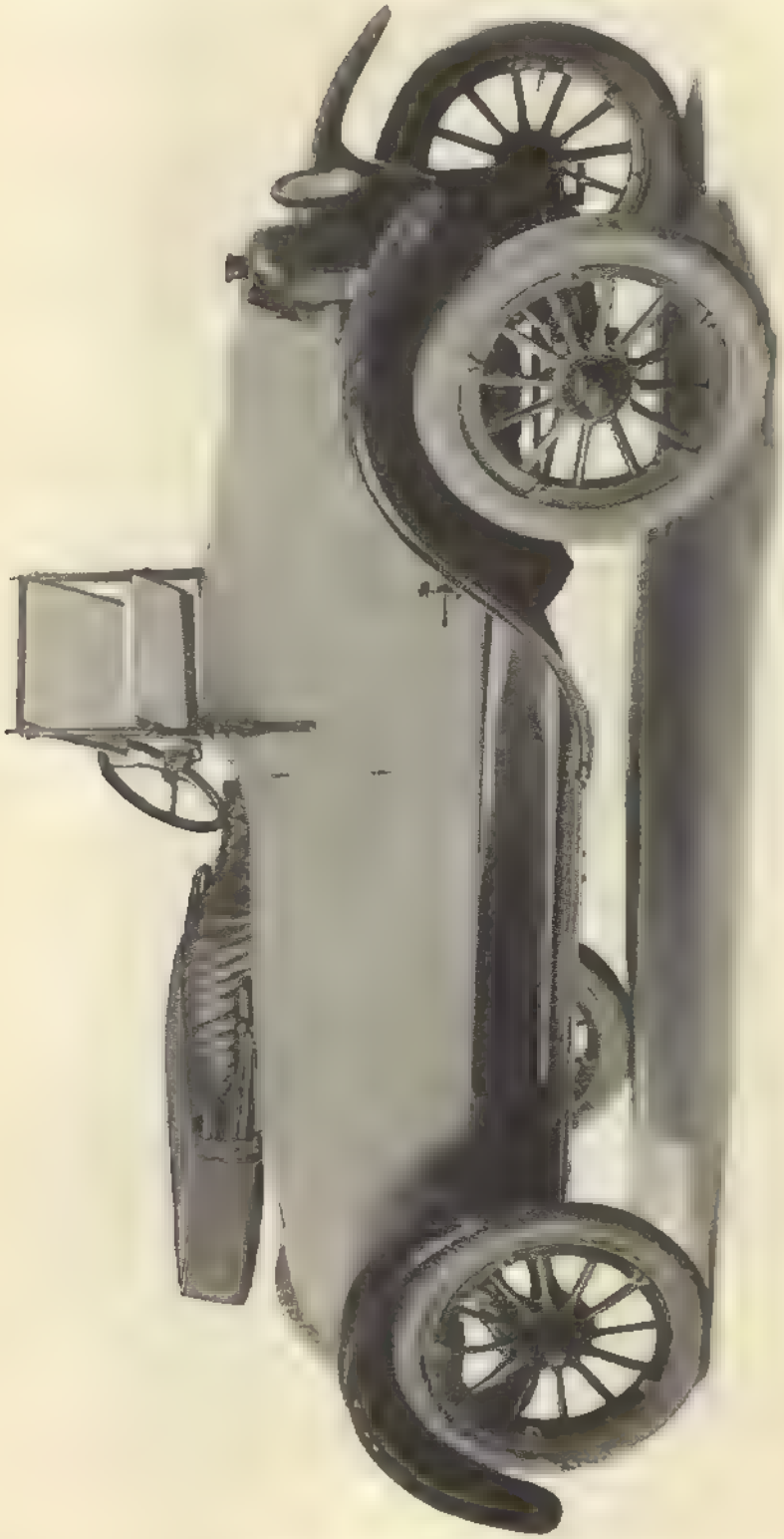
Deliveries are now being made but the demand is already in excess of the supply. Dealers who want this type of car this Spring must place their orders *in advance* Immediate action is necessary.



Details!

effery Company
, Kenosha, Wisconsin

The Jeffery Sedan $1165
—Top Removable
Summer Top Included



The Roadster "De Luxe"

WHEN WRITING ADVERTISERS KINDLY MENTION AUTOMOBILE TRADE JOURNAL.

Who Would Recognize This as a Ford?

But that is what it is---a Ford converted into this elegant

Roadster "De Luxe"

$197.50

Everything complete, including all parts necessary to make the change

Specifications:

Body—Pressed-steel, upholstered with best artificial leather on good springs and genuine hair, finish equal to the highest priced cars

One-Man Top—Black mohair. Top fastens to windshield. Full set of curtains and dust hood

Windshield—Black enamel, nickel trimmed, with double glass, both adjustable; full ventilating type; clear vision for rainy weather.

Radiator—Slightly pointed with zig-zag tube and fin; very efficient; black enamel; top curved. It will not burst by freezing.

Hood—Black enamel, ventilators in each side, with handles and fasteners

Crown Fenders—Enameled; nine inches wide with seven inch crown, curved beautifully to conform to wheels

Starting Crank—Forging long enough to clear radiator

Front Splash Plate—Gives handsome finish to front end of car, covering axle, shackle bolts, etc., under radiator

Dust Shields—Enameled to match fenders and carry out streamline effect perfectly.

Running-Board Hangers—Provide for lowering the running-boards; much more rigid than regular hangers; supported by both frame and body sill

Lamp Bracket Extensions—Fit into the original sockets and raise lamps three inches

Tire Holder Supporting Irons—These irons are attached to body for supporting tire holder

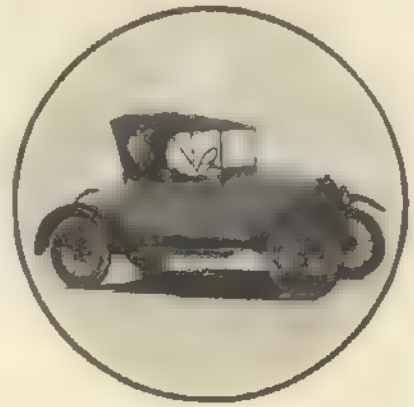
Foot Accelerator—For controlling throttle with foot

Standard Color—Royal Green.

Single Holder for 3½" Tire $2.50
Double Holder for 3 and 3½ or 3½ 3.50

making it possible for the most particular car owner to take advantage of the wonderful Ford quality and still have a car that reflects the good taste and individuality of its owner.

Over a million users have put their stamp of approval on the wonderful performance of the Ford, and it is now possible with the "DE LUXE" body equipment to give the beautiful lines and elegant appointment that will make of any Ford car all that could be wished for in the way of a light roadster of "class."



These possibilities should appeal to the motorist who can appreciate value at a moderate price.

Here, Mr. Dealer, is your chance to please that man who would buy a Ford if it didn't look like a million others. You know of many in your territory.

We can make immediate deliveries, if you hurry.

Detroit Auto Products Company

405 Boyer Building **Detroit, Michigan**

AUTOMOBILE TRADE JOURNAL.

Lexington-Howard 6-0 or Minute-Man Six

THE Lexington-Howard Co., of Connersville, Ind., exhibited for the first time at Chicago, an entirely new five-passenger touring car, selling for $1075. It has been dubbed the 6-0 or Minute-Man Six.

Special Features.

The most noticeable feature and the one emphasized by the makers is the value for the money represented in this car. The car is finished in most graceful modern lines with a slight tumble home to the body, cowled dash merging into the hood, high-grade upholstering standard finish a dark silk green with cream wheels and black fenders. The power plant is of the Continental type, with bore and stroke 3¼ x 4½ in., of unit construction. A feature of the engine is the Moore multiple exhaust which, it is claimed, results in 22.8 greater horsepower. It is claimed that this car can be driven with three passengers on a slight upgrade at as low a speed as 1½ m.p.h. on the high gear, the direct drive ratio being 4 to 1

Another feature, which adds to the engine flexibility, is the carburetor of special design, bolted directly to the engine block. It is the result of a year's tests in conjunction with these engines. It conducts hot air from around the exhaust manifold, is adjustable from the driver's seat by means of a small lever of quadrant type on the steering column below the wheel, and has an automatic device for cold weather starting. The gasoline is fed to it by a vacuum tank from 22 gal. seamless pressed steel tank at the rear. The method of supportsisting of tube-like extensions of the side frame members. Into these tubes are telescoped two more tubes which carry the rear extra tire and rim, making a very substantial construction. The telescoping tubes have, in case of accident, acted as a rear bumper, being slightly driven forward as they are clamped in the split tube by nuts and bolts, thus saving the car body and the gasoline tank from damage

The clutch is Raybestos faced, multiple dry disc type, and the transmission is Warner, giving three speeds forward and one reverse. The drive is by propeller shaft, fitted with two universal joints, to a rear axle of full floating type. There are two contracting brakes controlled by the right pedal and two internal expanding emergency brakes by the right side lever.

Ignition is by a vertically placed distributor, made a part of the engine unit in conjunction with a battery floating on the line, the switch being on the instrument board, with the other controls and gages Lighting is by six volt generator that automatically regulates the current. The ammeter is also on the instrument board. The lighting is entirely independent of the ignition and starting systems.

Lexington-Howard Model 6-O, Five-Passenger Touring Car, $1075

Specifications include Continental 3¼ x 4½ [illegible] engine, Moore multiple exhaust, Westinghouse starting and lighting system 32 x 4 in. Goodyear tire equipment, cantilever spring suspension

Starting.

The Westinghouse system is geared to the flywheel by means of a Bendix drive, which automatically disengages when the engine picks up, the flywheel speed being greater than the driving gear speed. This turns the engine at 125 r.p.m. It is operated by a starter button under the driver's heel, and is independent, as before mentioned, of the lighting system. A feature of the construction which adds to the life of the mechanism is the fact that instead of cutting teeth in the cast iron flywheel, a steel ring gear is used.

The steering mechanism is worm and gear of Warner construction, irreversible. A tie rod or cross connecting link between the arms is placed at front of the axle, in which position it receives no compression stresses, but is mainly under tension due to the outward drag of the wheels. This placing it is believed by the engineer of the company prevents buckling of the rod, as

this member is, of course, much stronger under tension than compression. The steering wheel is placed at the left with control levers at the center. The usual spark and throttle lever arrangement on the wheel is employed. At the center, however, at the head of the column on top of the wheel is conveniently placed the horn button. Just below the wheel on the column is a small lever giving carburetor adjustment. The usual group of instruments at the center of the instrument board is provided with a light The push buttons for the various lights are also located at this point.

The tire equipment is 32 x 4 in. Goodyear, front and rear, the rear tires having an anti-skid tread

Drive is by Hotchkiss type

The Frame and Springs.

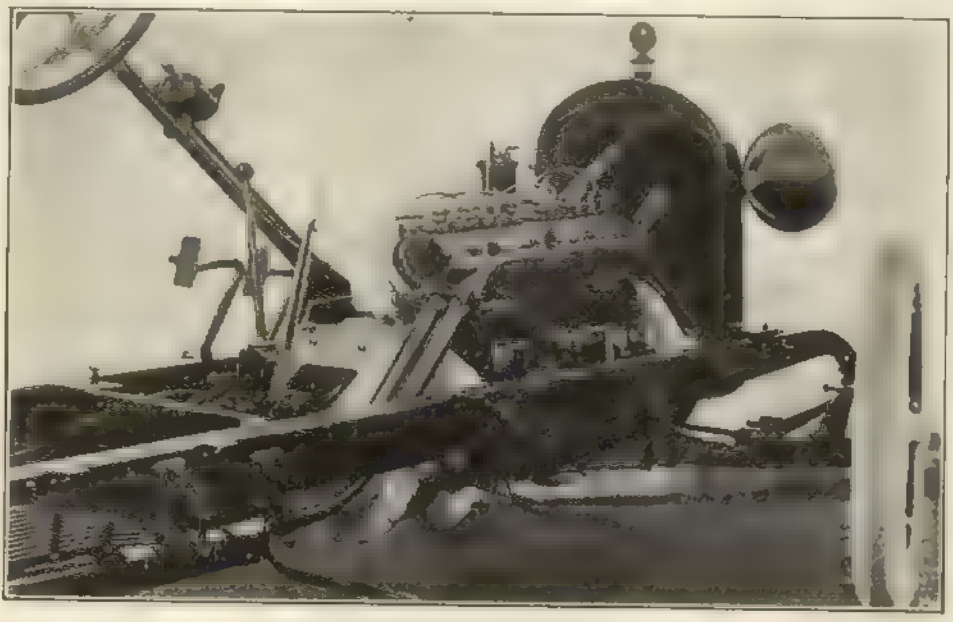
The frame is of the usual pressed steel channel section depth, with the side members straight but diverging toward the rear, at which point over the rear axle the frame is upswept with a rise of 4 in. The engine is carried on this on a pivotal point at front and by arms at either side of the flywheel case at rear, giving it a three-point suspension. The three speed selective sliding gear forms a unit with the engine, therefore has no special support to the frame, being a part of the three point suspended engine unit.

The springs are three-quarter elliptic at the rear with scroll end, and underslung to rear axle, and have a length from center to center of 50 in. and a leaf width of 2 in. The front springs are semi-elliptic, shackled at rear, 34 in. in length and 2 in. in width.

Rear View of the Lexington Model 6-O.
The extra tire is carried by a telescoping tube arrangement and acts as a rear bumper.

Seating Arrangement.

The seating arrangement is of the latest type, the front seats being separated to form an aisle, the car having a capacity of five. A one-man leatherette top, one-minute leatherette curtains, leatherette dust boot, rain vision ventilating windshield, are regular equipment.



View of the Engine and Control Elements.

A power driven tire pump is located on the right of the engine and is driven by a small sliding gear from the pump shaft. Twelve feet of hose is provided together with an accurate gage. The convenience of the passenger has been considered, as shown by an adjustable foot rest, robe cords, door pockets, etc. A spare demountable rim and brace wrench, together with over-size head lamps with dimmers; tail lights; tire rack which also forms a license plate bracket; complete tool set; tire repair kit; oil can and holder; jack and tire pump, etc., complete the equipment. The car ready for the road sells for $1075 f.o.b. Connersville, Ind.

Novel Spring Suspension.

A feature of the other Lexington models for this year is the novel forward spring suspension, this being of a cantilever type. The front part of this spring, which is really a combination spring, is of a one-quarter elliptic type, running from spring horns of the frame back to the axle, to which it is clamped in the usual manner, resting on top of the axle. The top leaf of this forward spring is carried just beyond the axle forming a spring eye which supports the usual form of carrying the forward ends of the cantilever spring proper. This cantilever spring runs, therefore, from the rear of the front axle to a point on the frame, being 42 in. in length. This cantilever spring is of the usual pattern but the spring suspension as a whole is unique, owing to the fact that the forward end of this spring is carried in a channel to the rear end of the short quarter elliptic front spring. This is another idea of Mr. Moore's, the engineer of the company, and patents have been applied for covering same.

New Detroit Electrics Show Improvements in Detail

Although lower in price, the 1916 Detroit Electrics, made by the Anderson Electric Car Co., Detroit, Mich., and exhibited by them at the National Shows, possess marked improvements over the earlier models.

There are a number of refinements, in detail, however, which tend to make the new Detroit models even more elegant and complete than ever before.

Some of the refinements are mentioned herewith

The rear axle is more accessible, less complicated, lighter, stronger and much more efficient.

Brakes have more surface, a one-piece shoe and the life of the lining has been increased 200 per cent

The battery is of increased capacity and is of less weight than previously.

A new device has been added to the steering mechanism to reduce vibration at the steering lever.

Many castings have been replaced by pressings and forgings resulting in increased strength and decreased weight.

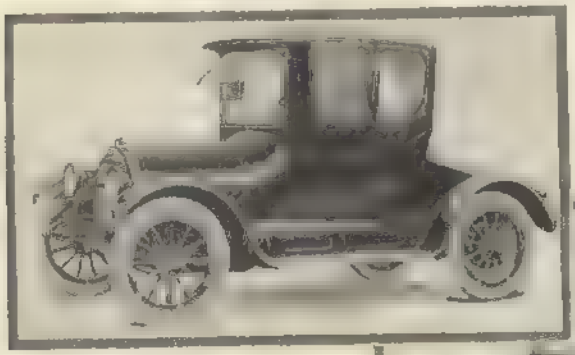
There is a more general use of self-lubricating bushings, resulting in fewer parts requiring lubrication attention.

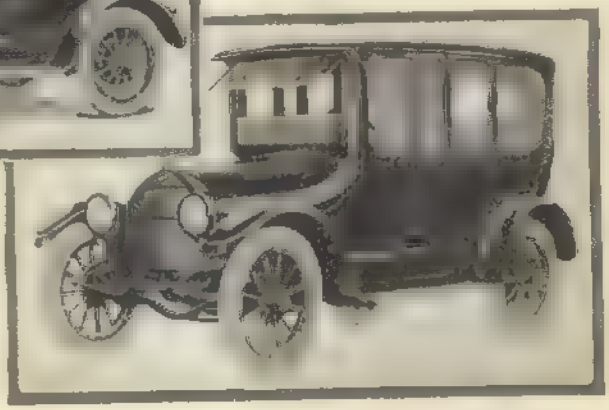
The total weight has been reduced 150 lbs.

On the bodies, the doors of the Model 57 have been made wider, the rear seat of Model 57 has been made deeper, a new design arm-rest which is more comfortable has been added, there is a double row of buttons on the front facing of the rear seats and the swivel chairs have been designed to comfortably seat any size person.

A most important item to note is the large price reduction of all models.

This unusually large price reduction offered by the manufacturers of the Detroit Electric Car gives the public the benefit of low prices possible only in big volume business.





Demountable Tops for Overland Cars.

These demountable tops are sold by the Willys-Overland Co., of Toledo, Ohio, for the model 85 runabout and touring car as shown herewith. Tops for these cars cost $150 and $200 extra, respectively.

Champion Car in Touring and Roadster Models at $750

A new exhibitor at the Chicago Show was the Champion Auto Equipment Co., of Wabash, Ind. This car has a four cylinder L type engine, the cylinders being cast in block with removable heads. Bore is 3¾ in., stroke 4¼ in., developing 22½ h.p. by S. A. E. rating. The actual h.p. is 36.6, the piston displacement being 133 cu. in. Ignition is by Dixie high tension magneto

Lubrication is by a combination splash and force distribution with constant level in crankcase and ample reservoir beneath. The circulating oil pump is of plunger type operated by camshaft.

The clutch is a single steel disc driven between two woven wire and asbestos discs The clutch runs in oil and is enclosed in an oil-tight chamber. Transmission is of selective type allowing three speeds forward and one reverse with standard gear change. Carburetor is a Schebler Model R.

Front axle is of I-beam section, the rear being full floating and equipped with standard bevel gear, differential and thrust bearing at either end. Roller bearings are provided throughout. Hotchkiss drive is employed with independent torque members Propeller shaft is fitted with two universal joints.

Springs are semi-elliptic in front, cantilever in rear; brake drums 10½ x 2 in. external and 10 x 2 in. internal; channel section frame 3-16 in.; artillery type wheels, demountable rims; 32 x 3½ in. tires smooth tread in front, non-skid in rear

Wheelbase is 110 in., steering gear adjustable worm and worm gear type, irreversible. Gasoline is carried from 15 gal. tank at the rear of the car to carburetor by means of Stewart vacuum system. Starting and lighting is by Disco two unit system.

Equipment consists of clear vision windshield, horn, tools, repair kit, automatic tire inflator, one-man top with minute curtains, etc. Trimmings are in genuine leather or gray English whipcord. Shipping weight is 2000 lbs.

New Milburn Electric, Model 22

The Milburn Wagon Co., Toledo, O., showed at the recent New York Show three models, of which the model 22 is an entirely new car, shown for the first time. The other models are model 15, a Brougham, seating four passengers, $1485, and model 151 Roadster, fitted with wire wheels, seating two passengers, $1285.

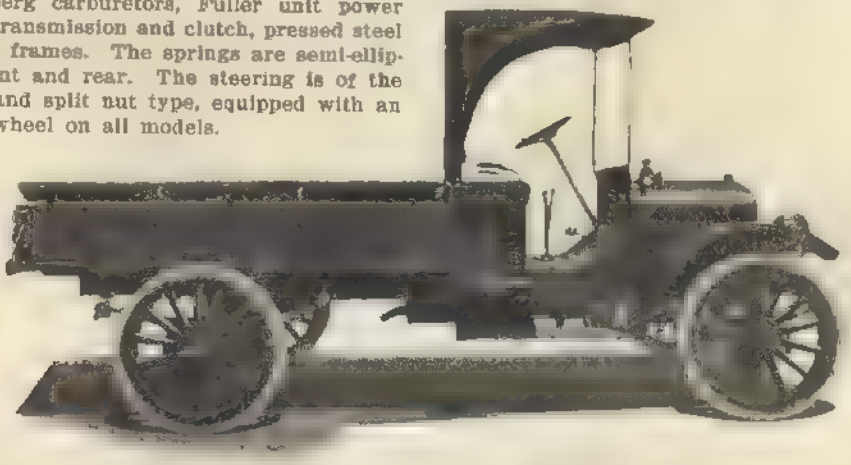
The new model is also a Brougham, having a wheelbase of 105 in., this being 5 in. longer than the other models. The body is also wider and higher, and is fitted with a larger battery, consisting of 22 cells, 17 plate, lead battery, and has standard equipment. An increased battery capacity can also be had if desired of 25 cells for $30 additional. Briefly, the specifications of these models are as follows: The controller is of General Electric construction, also the motor which is connected to the rear axle with direct shaft drive, the motor being underslung at the center. This motor is fitted with the Hess-Bright ball bearings. The model 22 has cantilever springs at the rear and semi-elliptic at the front, while the other models are fitted with cantilever springs both front and rear. The drive is through a worm to the rear axle. Wooden wheels and cord tires are standard equipment on all models, $30 extra being charge for wire wheels on the Runabout, and $50 extra on the model 22. The bodies are all aluminum construction, upholstered and fitted in the most luxurious style, with Dura mechanical window-lifts. The prices are f. o. b. Toledo, Ohio.

A feature of the Milburn line electric cars is their light weight, the new model 22 weighing but a trifle over 2200 lbs

New Champion Roadster.
Has 110 in. wheelbase. Disco two unit starting system, disc clutch and selective transmission.

Gary Line Consists of Four Worm-Driven Models

The Gary Motor Truck Co., of Gary, Ind., is building a line of worm-drive commercial cars, in four models, viz.: Model E, three-quarter ton; Model F, one-ton; Model G, one and one-half ton, and Model H, two-ton. All models are equipped with Buda engines, Eisemann high tension magnetos, Stromberg carburetors, Fuller unit power plant, transmission and clutch, pressed steel flexible frames. The springs are semi-elliptic, front and rear. The steering is of the worm and split nut type, equipped with an 18 in. wheel on all models.



Gary Model E Fifteen Hundred Pound Worm-Drive Truck.
The other Gary models are identical in appearance and differ only in size of parts.

The tire equipment consists of Goodyear, new type S.V. solid tires, as follows: Three-quarter ton using 36 x 3 in. front, 36 x 3½ in. rear; one-ton, 36 x 3½ in. front, 36 x 4 in. rear; one and one-half ton, 36 x 3½ in. front, 36 x 5 in. rear; two-ton, 36 x 4 in. front, 36 x 6 in. rear

The equipment consists of side oil lamps, tail lamp, horn, jack and tools. Either express or stake bodies are furnished as regular equipment. Special bodies to order

New Chase Truck, One-Ton Worm Drive, Chassis Price, $1650

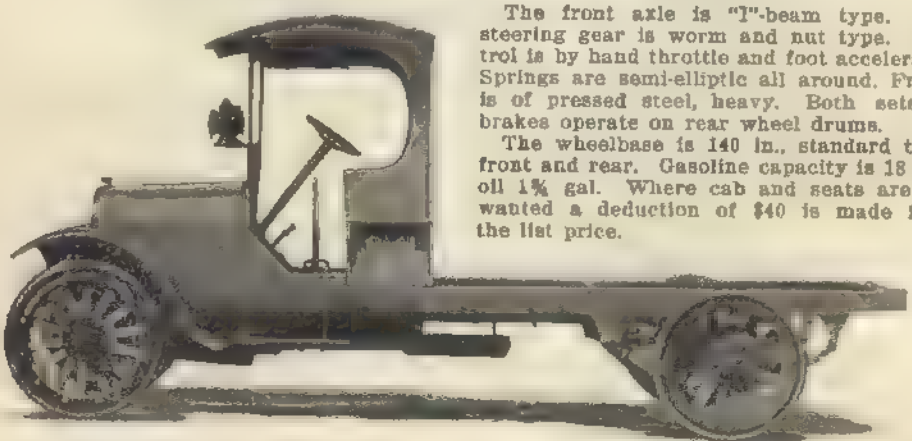
The Chase Motor Truck Co., of Syracuse, N. Y., has recently placed on the market the new Model A truck, which has capacity of one ton, worm gear drive, the chassis listing at $1650. It has loading space of 8½ ft. back of driver's seat, tires are single Firestone solids, front being 36 x 3½ in., rear 36 x 5 in.

The engine of the unit power plant has four cylinders, "L"-head type, bore 3½ in., stroke 5½ in. The clutch is dry plate type, transmission being a Brown-Lipe, selective type, three speeds forward and one reverse Drive to rear axle is by shaft, rear axle drive David-Brown type worm, axle being a Sheldon. The governor is automatic, enclosed and sealed. The engine is water cooled, ignition is by Bosch high tension magneto, and carburetor is a Holley.

Other Details.

The front axle is "I"-beam type. The steering gear is worm and nut type. Control is by hand throttle and foot accelerator Springs are semi-elliptic all around. Frame is of pressed steel, heavy. Both sets of brakes operate on rear wheel drums.

The wheelbase is 140 in., standard tread front and rear. Gasoline capacity is 18 gal., oil 1¾ gal. Where cab and seats are not wanted a deduction of $40 is made from the list price.



Chase Model A, One-Ton Chassis, Price, $1650.
This is the new Model A, One-Ton Worm-Drive Truck. Wheelbase is 140 in.; tread, front and rear, 56 in. Starting and lighting and rear fender equipment is extra.

New Quaker City Car, the Biddle, at $1800

THE Biddle Motor Car Co., of Germantown, Sedgley and Allegheny Aves., Philadelphia, Pa., has announced and exhibited at the Philadelphia Show the new Biddle Car. This new car is priced as follows: Chassis, $1650; Roadster, $1800; Close-coupled Touring Car, $1850; Touring Car, $1865 Particular attention is paid to individual and special styles of body work, the company's policy being to design and build any type of body that might suit the personal taste of the purchaser. The company also has several different types and styles of equipment which are used steadily.

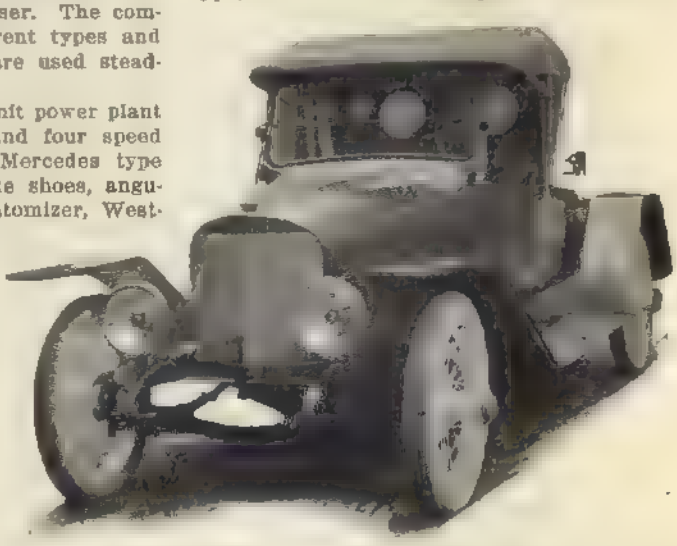
The general features are unit power plant with four cylinder engine and four speed transmission, wire wheels, Mercedes type radiator and expanding brake shoes, angular or round type fenders, atomizer, Westinghouse starting and lighting systems and lighting and ignition control box.

Unit Power Plant.

The engine is a Buda, built especially for the Biddle Car. It has four cylinders, L-head type, cast in block, bore 3¾ in., stroke 5½in., S. A. E. rating being 22.5 h.p. Piston displacement is 226.4 cu. in. The 1⅞ in. valves have mechanism enclosed, and lift of 7/16 in. At 1700 r.p.m. the engine is said to develop 48 h.p. on brake test. Pistons are of gray iron, have three rings, oil grooves, and relief holes to prevent smoking. Crankshaft is heavy and has three large main bearings. Lubrication is by force feed to bearings and splash to cylinders Oil gage on crankcase. Ignition is by Dixie high-tension magneto. In place of the usual carburetor, a Biddle-built atomizer is used; the car is guaranteed to do 16 miles per gal. and has done about twice this mileage in some tests. Cooling is by thermo-syphon system assisted by four-bladed fan, belt driven. Radiator is Mercedes type, honeycomb. Starting and lighting is by Westinghouse two unit system

Clutch-Drive.

The clutch is a Warner, dry plate disc type, and a Warner four speed transmission

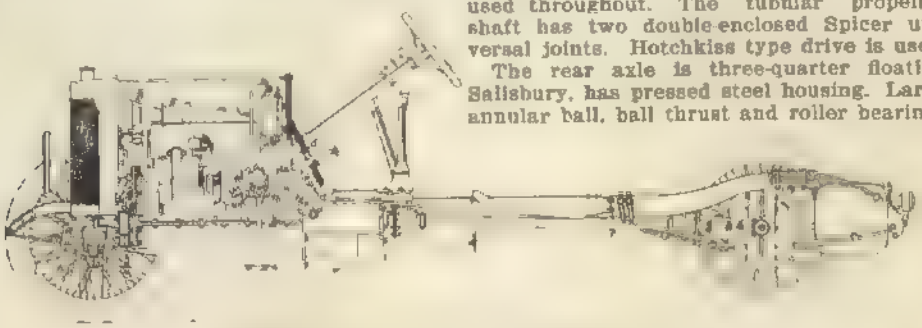


The Biddle Series D Roadster, $1800.

Note the angular fenders on this model. Fenders like those on the touring model can be had if desired One spare wheel is furnished with the roadster.

completes the unit power plant which has three point suspension. On the third speed is the direct drive, which gives a ratio of 4:1. The fourth speed gives a ratio of about 3:1. R. I. V. annular ball bearings used throughout. The tubular propeller shaft has two double-enclosed Spicer universal joints. Hotchkiss type drive is used.

The rear axle is three-quarter floating Salisbury, has pressed steel housing. Large annular ball, ball thrust and roller bearings



Sectional View of Chassis of Biddle Car.

This illustration shows the general chassis layout The switch box is shown on steering column. Tank of Stewart vacuum system is shown attached to dash rear of engine. The car has engine 3¾ x 5½ in. Buda built. The clutch and transmission are Warner, as is also the steering gear.

are used. The front axle is drop forged I-beam section. Large ball bearings in hubs

Springs.

These are "W. and H. Rowland" make, of silico-manganese, eyes are bushed, bolts have grease cups. Front are semi-elliptic, 35 in. long, rear three-quarter, 48 in. long Frame is channel section, pressed steel

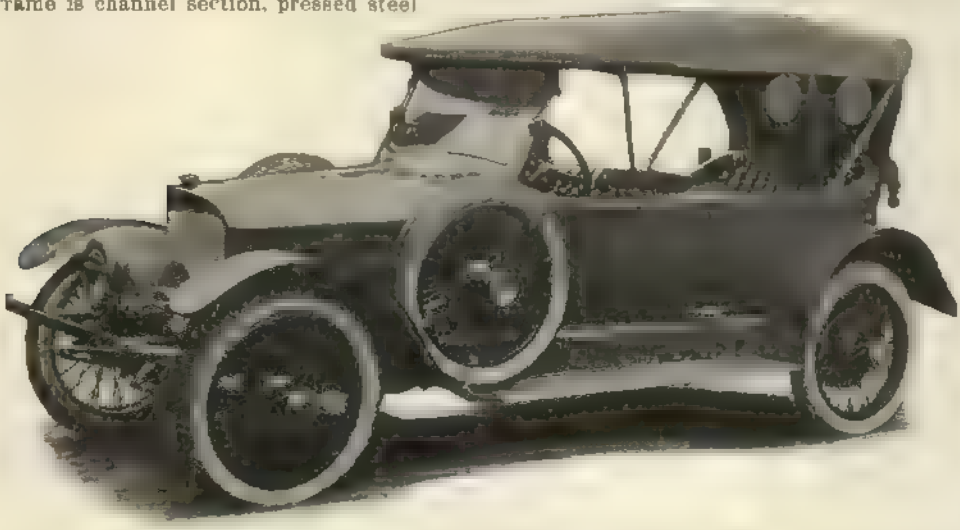
Steering gear is a Warner worm and gear type, fitted with ball thrust bearings. The gasoline tank of 22 gal. capacity is hung at rear and fuel is fed to atomizer by vacuum system

Wheels are Rudge-Whitworth, wire, triple spoke, and carry 32 x 4 in. Goodrich safety tread tires on both front and rear. The wheelbase is 122 in.

Control.

On the steering column is located a box which has all ignition and lighting switches in it and is within easy reach of the driver. Steering is left side, brake and gear shifting levers being in center of car. Dash adjustment of atomizer.

Both sets of brakes are internal expanding and are Mercedes type, that is, they consist of flexible spring steel shoes which conform to brake drum when brake is applied.



The Biddle Series D Close-Coupled Touring Car, $1850

This model has two spare wheels in its equipment Wheelbase is 122 in. Has unit power plant, Hotchkiss type drive Westinghouse starting and lighting system This model and the five-passenger touring car have the double cowl

Equipment.

The V-type radiator is standard equipment on roadster model and is made by English and Mersick. One extra wire wheel is supplied with this model, the others have two extra wheels. Option of round or angular fenders. Color to suit. Included on all models are one-man top with curtains, speedometer with drive from propeller shaft windshield set at 25 deg. angle, double bulb head lights, tail and dash lights, electric horn located under hood with button in wheel center, and full set of tools.

"Anderson Six-40-Six"—A Southern Product

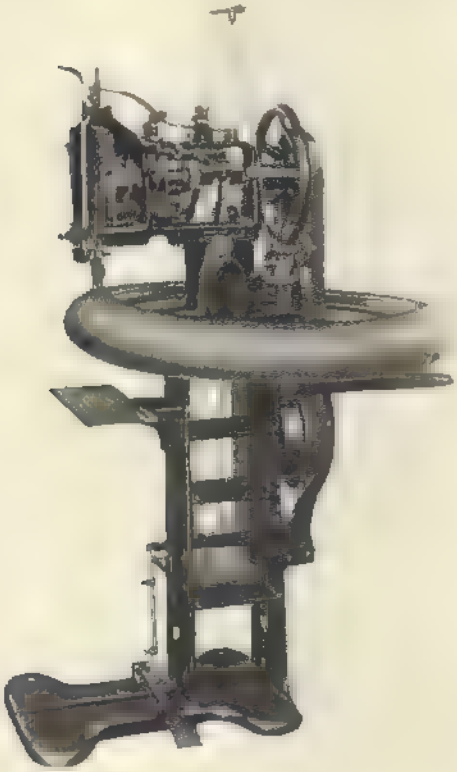
The Anderson Six 40-Six is the title of the six-cylinder car which the Anderson Motor Co., of Rock Hill, S. C., is soon to place on the market. The Anderson Motor Co. is owned and controlled by the stockholders of the Rock Hill Buggy Co., which has been making carriages and wagons for the past 30 years. The car was designed by Jos. A. Anglada, who is chief engineer of the concern. The car will sell for $1250. A few of the general specifications are: Continental engine, 118½ in. wheelbase, Westinghouse two-unit starting and lighting system, 33 x 4 in. oversize tires, Covert three-speed transmission, semi-elliptic springs and an unusually complete equipment. Complete details of this car will appear in a future issue

Goodyear Inaugurates School of Tire Repairing

Goodyear Tire & Rubber Co., Akron, Ohio, has opened a school of tire repairing in which free instruction will be given to persons already in the business and those who are contemplating entering it. The course will be a complete and practical one, beginning with fundamentals and going through every step in scientific tire repairing. Each member will be given an opportunity to put into actual practice the latest and best methods so that at the end of the course he will be able to undertake any kind of a tire repair job from a puncture to a retread.

Singer Tire Tread-Sewing Machine

Singer Machine No. 98-2 for sewing treads on used tires has recently been put on the market by the Singer Sewing Machine Co of Singer Bldg., New York City, price $275. This machine can be operated up to a speed of 250 stitches per minute. It is fitted with an automatic bobbin winder; bobbins can be wound with machine at work. The tire shown on the machine in the illustration



Tire Stitching Machine.
This is the Singer Machine No. 98-2 for sewing treads on used tires.

rests on two projecting rollers, which turn freely and on an arm inside the tire, which contains the under-thread mechanism. Any size tire can be repaired and it is claimed tires do not become distorted or twisted during stitching, owing to their natural positions around the machine.

At each stitch the tire and tread are positively moved forward by the needle, which operates in conjunction with the presser foot. Needle and bobbin threads are passed through a liquid lubricating wax solution to further insure uniform and tight lock-stitching. Solution is placed in cup at the back of the machine.

An important feature is the reversible feed, which is very useful in sewing on patches.

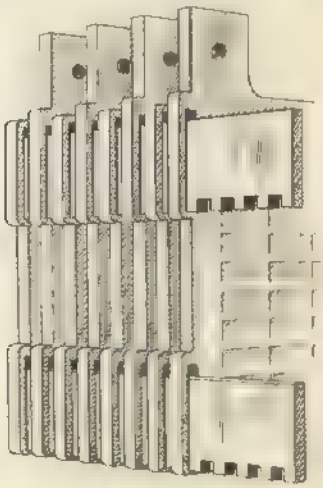
This machine can be driven by a ⅝ h.p. motor, but the maker advises the use of a 1 h.p. motor. It is fitted with a Singer driving attachment, which enables the operator to run it by pressure on the treadle. Light pressure starts the machine slowly and the speed increases as the pressure is increased.

Repair for Scored Cylinders

L. Lawrence & Co., 292 Halsey Street, Newark, N. J., have a process of repairing scored cylinders which is claimed to be a time saver, and is said to eliminate the necessity of reboring or regrinding. A silver composition is applied by electricity and this composition is then smoothed down to the face of the cylinder. It is claimed to have unusual heat-resisting qualities, to expand in the same ratio as the cylinder wall to be hard, and to force its way into the pores of the iron, amalgamating with it and becoming a part of the cylinder. During the operation of repairing scores, it is said little heat is generated.

Vesta Battery Improvement

The Vesta Accumulator Co., of 2100 Indiana Ave., Chicago, Ill., has improved its batteries greatly in that they have celluloid separators or isolators to keep the plates locked apart, thereby relieving the wood separators of any and all strain. The separators of celluloid, are notched on the bot-

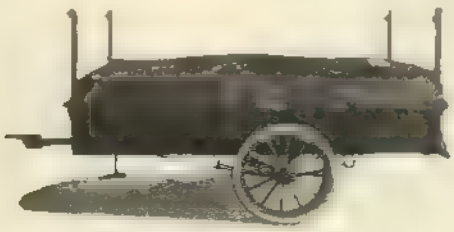


Vesta Plate Isolators.
This illustration shows the isolators of celluloid used in the Vesta batteries to keep plates equidistant

tom edges, the plates fitting into these notches and therefore being spaced exactly. The separators are removable only by taking the battery apart. Four of these isolators are used in each battery, each plate being held at each corner by the respective isolator. Vesta batteries are made in all sizes and for all purposes.

Shattuck Convertible Outing Trailer A Novel Tourists' Asset

The Shattuck Trailer Co., of 405 Palace Bldg., Minneapolis, Minn., manufactures a trailer which can be used commercially with a capacity of 1500 lbs., and which is also designed to be used as an outing trailer for the tourist, camper or hunter. It takes but a few minutes to convert it either way. When the trailer is arranged for the night, the two beds accommodate two people each and partition is furnished so that two



Convertible Outing Trailer.

This is a good accessory for the motorist who camps out at times. It is easily converted into a commercial trailer with capacity of 1500 lbs.

compartments can be had if desired. Thus four people can travel comfortably in the car and sleep when and where they desire, and have plenty of room in the car while traveling, and avoid all scratching or damaging of tonneau or upholstery with their camping goods

The tent portion is made of heavy double filled duck, khaki color, and it is claimed to withstand rain and weather. Beds are made especially for the trailer, and each accommodates two people. They are of heavy duck with spiral springs attached to the ends. Beds and clothing are strapped together and folded into the box of the trailer. Frame work of tent is of best selected stock, and can be adjusted in but few minutes. Two-compartment ice box and stove are included in equipment.

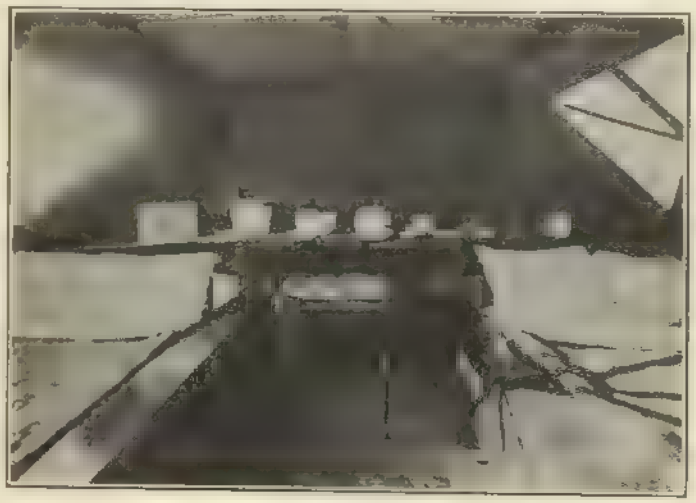
The windows, shown in the interior view, have aprons over them outside to direct ventilating air into the tent, and screens can be placed over the bed portion to give protection from insects. The wheels are artillery type, 30 x 3½ in. pneumatic tires being used. Leaf springs are used, axle is full-floating. The box floor is of selected maple, box portion being air-dried poplar. The price is $175 according to equipment.

Pee Gee Painting Outfit

The Peaslee-Gaulbert Co., Inc., of Louisville, Ky., offer a painting outfit for small cars for $3. The outfit consists of 1 qt. Auto Flat Black, 1 qt. Auto Gloss Black. 1 pt. Auto Top Dressing, ¼ doz. sheets No. 1 sand paper, ¼ doz. sheets No. 00 sand paper and one 2 in. varnish brush. Full directions accompany each outfit.

Motor Generator and Magneto Brushes

Becker Bros of 2325 N Jefferson St., Chicago Ill., manufactures brushes for starting motors, lighting generators and magnetos of all makes and types. It makes stationary motor, dynamo, gauze, copperleaf, also electric horn brushes, or any special brush desired.



Interior View of Convertible Trailer.

Herewith is shown the beds, table, dishes and windows. A partition furnished may be hung from the center of tent to divide the trailer into two compartments. An external ventilating apron provides circulation of air in hot weather.

Lightweight Coat.

A featherweight slip-on coat weighing but 2¼ lbs is offered by the Standard Oiled Clothing Co., of 810 E. 152nd St., New York City. It is very adaptable to automobilists, is dressy and has dull finish. Can be had in black or khaki. Wholesale, $33 per doz.

The Transport Tractor With Capacity of Five Tons, $2500

THE Transport Tractor Co., Inc., 87-93 Sunswick Street, Long Island City, N. Y., is placing on the market the Model T, five-ton tractor, the only model which is being produced at the present time. The officers of the corporation are George B. Kelly, President; Alexander W. Moffit, Vice-President, and Frederick B. Stimson, Secretary and Treasurer.

The Transport Tractor Co. is concentrating its resources in the production of a single model worm drive tractor which hauls five tons and is attached by means of a patented connection to any horse-drawn vehicle or any trailer built to meet individual needs. This tractor when coupled to any trailer will turn within a circle 25 ft. in diameter. It is quite easy to handle, the simple control and light steering enabling the driver to handle the tractor under difficult traffic conditions. The tractor will back its trailer into difficult position for unloading. Particular effort has been made in the design of this tractor to simplify the driving work, keeping the tractor properly lubricated. Large grease cups, which are easily filled, are located on spring bolts, steering column, brake shaft and fan; every cup is accessible. The engine is filled with oil through a convenient filler pipe. Transmission and universal joints are

Tractor Connection, Showing the Upper and Lower Members Separated.

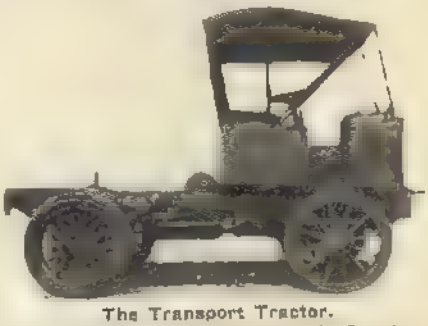
filled with grease every 2500 miles; the rear axle requires lubrication once in 10,000 miles.

Engine.

The engine has four cylinders, 3½ in. bore by 5½ in. stroke, being of Buda manufacture, using a circulating splash system of lubrication. Bosch magneto with fixed spark, thermo-syphon cooling and Zenith carburetor. It is stated that this tractor averages a little better than eight miles to a gal. of gasoline

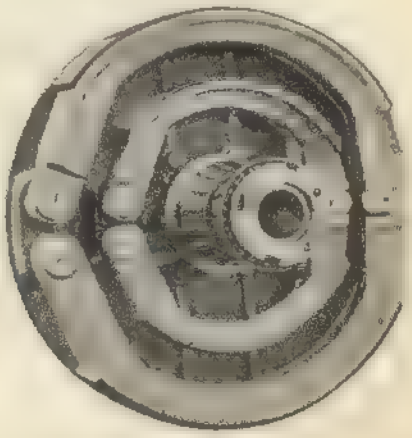
Transmission and Clutch.

The transmission is designed to transmit 50 h.p. or more than double the rated power of the engine with which it is used. The transmission and clutch are contained in one housing, which bolts direct to the engine, thus forming a unit power plant. Timken bearings are used throughout and the gear shift lever is erected in the cover and engages a three-speed selective sliding gear system. The gear ratios between the engine and rear wheel are as follows: Reverse, 59:1; low, 45 8:1; intermediate, 24:1; high (direct drive), 13.6:1. The clutch, as noted above, is a part of the transmission unit and is of dry disc construction requiring no attention or lubrication



The Transport Tractor.

The capacity of this tractor is five tons, the tractor equipment consisting of tractor connection, upper and lower members complete; lamps, horn, governor, speedometer, jack, tools and three-bow top. The price is $2500



Transport Showing the Two Sets of Expanding Shoes

The inner set being the hand brake, the outer set being the service brake.

Other Details.

Double Spicer universal joints are used between transmission and rear axle. Frame is of 5 in. channel section steel with two cross-members securely gusseted and a 29 in. steel plate reinforced with angle iron for the support of the tractor connections. Drive is taken through the rear spring; steering is by worm and sector gear with 18 in. wheel drive to rear axle through a worm and gear of the hourglass type, running in a bath of oil. Two sets of special thrust bearings take up all worm gear side thrust. The reduction at the axle is 13 2-3:1. Steering is on the left side with control levers in the center. The end of the accelerator pedal connects directly to the carburetor and the brake and clutch are strong and simple

Brakes.

Particular attention is called to the size and arrangement of the brakes on this tractor. Two concentric drums on the rear wheel fit a circular plate on the axle spindle and effectually keep out dirt and water, the hand brake expands within the former drum which is 11 x 2¼ in., the service brake which has a 3 in. face and expands within an 18 in. drum. This large total braking area assures safety of operation and economy in brake lining.

Tires are 34 x 3½ in. front with smooth tread, those in the rear being 34 x 4 in. dual with block tread. The weight is 3500 lbs. fully equipped.

Studebaker Announces New One-Ton Line

The Studebaker Corp. of America, Detroit, Mich., has announced a new line of commercial cars for 1916, consisting of an open express complete, including folding khaki seat top at $1200; stake body including stationary cab top, folding celluloid curtain windshield at $1250; a sixteen-passenger 'bus with full equipment at $1400. The chassis only, including dash, instrument board, etc., at $1100

The load capacity of the new line as above noted is one-ton and the loading space has a width of 5 ft. 6 in. and length of 8 ft. Wheelbase is 125 in. and the frame is 186 in long by 36 in. inside, the frame channel being 5 x 3 x 3-16 in. The engine has four cylinders cast in block, the bore being 3⅞ in. and stroke 5 in., using a three-bearing crankshaft.

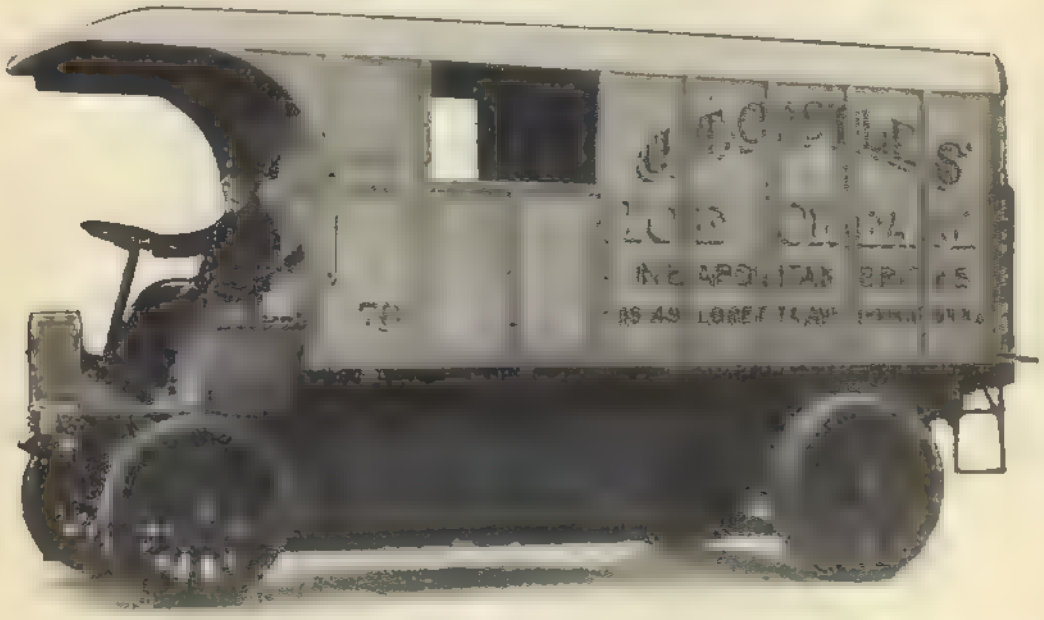
The clutch is of cone type and transmission case is of aluminum, being bolted directly to the rear axle. Ignition is by means of

Interior View of Studebaker 'Bus.
This view shows the interior of the driver's compartment, completely housed in by glass. Entrance is through the door in foreground of the illustration, ingress and egress being between the front seats

Studebaker Sixteen-Passenger 'Bus, $1400
This 'bus body is a new venture for Studebaker, the 'bus being fitted to the new 1916 Studebaker one-ton chassis

DEALERS! The Merchants of This Country Are Waking Up to the Superiority of the Electric Truck to the Gasoline Commercial Vehicle—This Means Something to You!

THE BEST BY TEST



ATLANTIC 5-TON CHASSIS

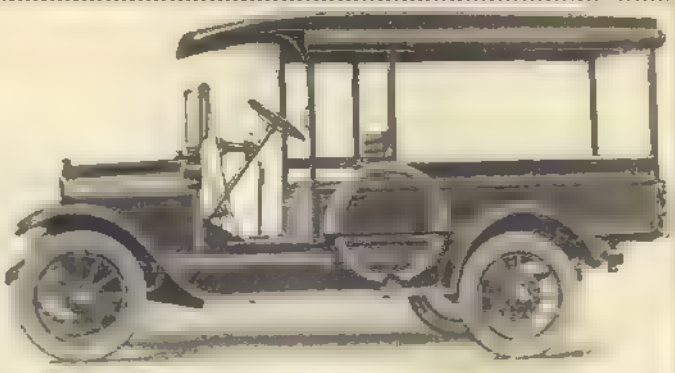
There are twenty good reasons why an electric truck of the Long Distance Atlantic type is to be preferred to any gasoline type—here are a few of them. Greater simplicity, reliability and efficiency, longer useful life and lower cost of operation; easier to run and not requiring skilled mechanics as chauffeurs; cleaner, more silent and with greater loading space for any given wheel base. In addition there is no mussing with dangerous gasoline an important consideration to many prospects.

There are an equal number of good reasons why a live-wire dealer should prefer to represent the Atlantic rather than any other make or type of commercial vehicle. Atlantic Trucks are built right and sold right. Our interest does not end with the sale. Guarantees are definite, service complete and sales policy liberal. We have some territory open for the better class of dealer—to men of the right type, we offer a selling proposition that spells opportunity. Get in touch with us now. Catalog and full details on request.

Atlantic Electric Vehicle Company

Factory: 893 Frelinghuysen Ave. **NEWARK, N. J.**

Atlas 1000 lb. Capacity Truck



One Chassis Only

SPECIFICATIONS

MOTOR—Four cylinder 3¼ in. x 5 in. cast en bloc. L type detachable head, integral cam shaft, helical timing gears. Valves inclined, interchangeable. Rods, I section steel, double bearing end. Carbon steel pistons. Cooling by Thermo Syphon. Lubrication splash, controlled level system plunger pump. Valves 1¾ in. diameter, 45 degree seats heat treated, ground, and welded to light, cut nickel steel stem.
HORSE-POWER—Thirty horse-power at 1800 R. P. M.
IGNITION—Dixie Magneto, high tension.
CARBURETOR—Carter, class 64, chamber, dash adjustment. Dual intake.
RADIATOR—Ample capacity for cooling motor.
TRANSMISSION—Selective three speed, special heavy duty truck motor. Full ROLLER BEARING, 1¼ in. extra large face gears, 1¾ in. short shafts designed to withstand hard service. 3 speeds forward and reverse.
CLUTCH—Multiple Disc integral with transmission. Dry plate.
DRIVE—Hotchkiss drive, 1¾ in. drive shaft.
CONTROL—Left hand, 14 in. steering wheel, spark and throttle levers, gear shift lever, emergency brake and gear shift lever in center. Accelerator pedal.
STEERING GEAR—Irreversible screw type. Lavine, heavy duty, positively irreversible and adjustable for wear. 17 in. wheel. Double thrust.
FRAME—Pressed steel, 2-30 carbon steel channel section 4 in. x ¾ in. and cross members and gussets hot riveted. A high quality Parts frame.
FRONT AXLE—I beam section, adjustable ball bearing hubs.
REAR AXLE—Full floating, Helical bevel driving gears, pressed steel housing, inspection plate at rear, ball bearings in different sized roller bearings in the Brown Lipe differential.
BRAKES—Service brakes external contracting 12 in. diameter, 2 in. face. Emergency internal expanding, 11 in. diameter, 2 in. face.
SPRINGS—Semi-elliptic front 1¾ in. x 36 x 7 ply. Semi-elliptic rear 2 in. x 48 x 10 ply. Special high-grade, oil tempered with banded ends.
WHEELS—Wood, Artillery type, second growth hickory.
RIMS—Clincher, quick demountable type with spare rim.
TIRES—Standard make 30 in. x 3½ in., non-skid rear.
WHEELBASE—106 inches.
TREAD—56 inches.
BODY—Any one of thirty styles. Open 6 pas. panel, four-door, vestibule and semi-vestibule front.
COLOR—Standard Black Chassis, red wheels. Dark green body.
STANDARD EQUIPMENT—Hand horn, side and tail lights, spare rim, tool kit, tire repair kit, tools and jack.

Good territory open for live dealers

Chassis $660; with Body shown, $730

The Car That Was Built for Business People by a Reliable Manufacturer

One-half Million Dollars Behind the Atlas Truck

Service Satisfaction Quick Sales

Your choice from 25 styles of Bodies. You should have all this Atlas Data. At a recent Auto show 20 carloads of Atlas Trucks were contracted for.

The Reason

The sturdy frame, ¾ ton full roller bearing transmission; large multiple disc clutch; 1¾ in. drive shaft. Axles built for a car of 2800 lbs., rear full floating, pressed steel housing. Roller Bearings. ¾ ton capacity semi-elliptic springs, non-breakable at center; 30 H. P. motor; extra large steering gear, split unit construction.

The Truck of the Day for Everyday Service

The Atlas 1000 lb. Capacity Truck

Made in a factory of more than 150,000 sq. ft. of floor space. We build our own Bodies.

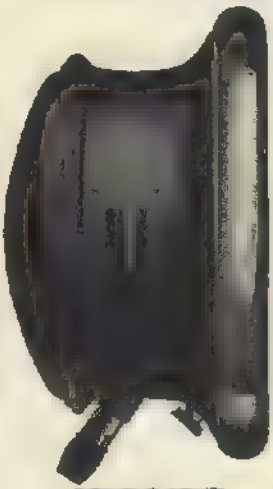
The Martin Carriage Works

York, Pa.

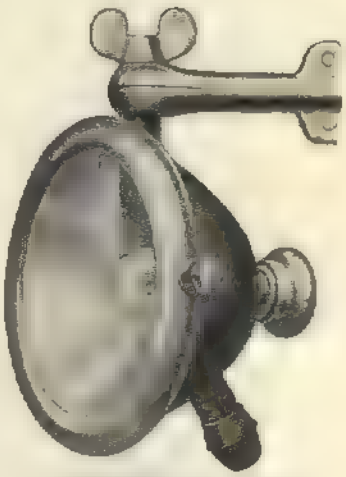
SOLAR-LAMPS

Model T 57
GAS SEARCHLIGHT

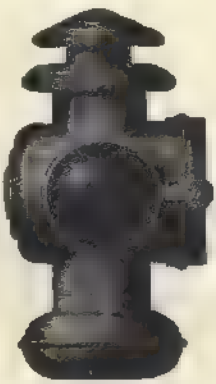
1916 MODELS
GAS
ELECTRIC
OIL
100 STYLES



Model 45-E
ELECTRIC HEADLITE



WINDSHIELD ELECTRIC
SEARCHLIGHT



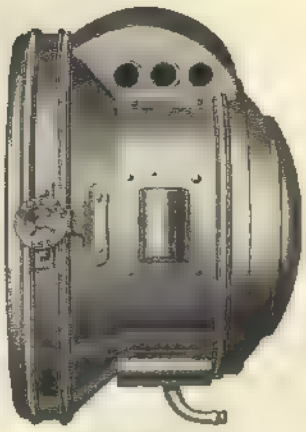
Model 1605
OIL TAIL LAMP

TWO SIZES

SEND FOR CATALOGUE

Full Equipment for Motor Cars, Trucks, Cycles and Vehicles of

ALL KIND

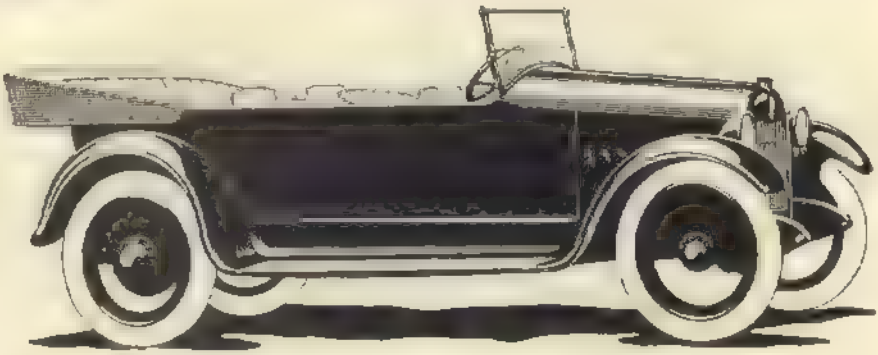


Model 156
GAS HEADLIGHT

THE BADGER BRASS MFG. CO.

KENOSHA and NEW YORK

The New Case 40
$1090



"—the motor that makes extra cylinders unnecessary"

So said an automobile expert after he had examined the new Case 40 both in the shop and out on the highway.

Your customers will say the same thing when they see it and test it in a hard pull or up a steep incline, or on the car's *100,000th mile*. We have built this car justly to be called the "100,000-Mile Car."

The new Case 40, advanced in design and refinements, retains those genuine qualities which gave the former Case 40 such a splendid reputation.

What *other* car has such a good record as this new Case 40? Where can you duplicate this certainty of satisfaction? Made by Case throughout, with Case parts, the new Case 40 has behind it a record of years of [illegible] Our generation of [illegible] has resulted in Case [illegible] standards of excellence.

The new Case 40 is bound to add to Case fame and dealers' profits. As a selling proposition it is a strong asset to any dealer.

An Interesting Dealers' Proposition

We shall be glad to explain fully to you our new proposition. We invite correspondence in relation to the establishment of new Case agencies. We still have a number of excellent opportunities. But since we have an excellent proposition, we are looking for exceptional dealers.

The Sign of Mechanical Excellence the World Over

J. I. CASE T. M. CO., Inc., 565 Liberty St., Racine, Wis.

(399)

The Sign of Mechanical Excellence the World Over

All Chase Trucks are Worm Drive Water Cooled

"CHASE YOUR DELIVERY"

Here it is—
CHASE MODEL "A"
$1650

New Chase Model 1 Chassis; 2000 lbs. capacity; loading space, 9½ feet back of the driver's seat, chassis price is $1650 and includes cab and seat.

This Chase Model is built to do big one-ton work; its motor will give day-in-and-day-out big-ton service; its construction will withstand all the jolts and bumps of a truck's existence; and in control, get-away, and activity, it acts like a pleasure six.

WORM DRIVE

CHASE

WATER COOLED

Every twelfth truck in operation is a Chase. That record didn't happen by accident. It is made possible by Chase owners, and Chase owners have multiplied, because they have been able to *see* Chase Trucks giving daily *performance.*

Dealers *Chase Trucks allow you to back your sales work with your personal guarantee and reputation, they do not abuse your confidence. When you sell a Chase it goes out on the job and performs the service you sold it to fulfill; it does not require your attention as a nurse-in-waiting to keep it running; and back of the Chase Truck is the Chase Company —financially strong and mechanically able.*

Send your name and address to receive regularly

CHASE 'EM

a meaty, sparkling monthly magazine prepared and printed for you to read with interest and profit and mailed to you without charge. You will also receive **CHASE BULLETINS** *descriptive and statistical material that tells you things about your own business—little "blue books" of information as valuable in their way as Bradstreet's or the Shipper's Guide.*

Chase Motor Truck Co., 108 West Street, Syracuse, N. Y.

"CHASE YOUR DELIVERY"

The Car and the Price

Here is the ideal, unbeatable combination of both

CROCE Light Delivery Car $890

The dealer who has a Croce to sell is sure of making money because of the merit and reputation of the car, but when he has a light delivery model to sell for $890 he has the opportunity of his career to make a great success in the truck business.

Think of being able to sell a car having the sterling quality of the Croce at a price like that! It's almost unbelievable, but it's true. It spells opportunity for you in capital letters

Here are some of the parts which assure the highest quality and will help greatly to sell the car—Wisconsin motor, Brown-Lipe transmission, Timken axles and bearings, Bosch magneto, Spicer universal joints Schwarz wheels, Fedders radiator, steel bodies, stamped steel dash, Goodyear pneumatic tires and other parts specially designed by Croce.

This is your chance to make a mighty profitable connection. The other Croce models will round out your line and enable you to meet every requirement.

If you are looking for big business lose no time in getting the details of the Croce selling plan.

Croce Automobile Co.

1st & R. R. Avenue
Asbury Park, N. J.

Progress

Progress depends upon transportation. The past decade of the world's history has seen no development more important than that of the gasoline motor. Today it stands as one of the most powerful forces in our civilization.

Continental Motors

The wonderful automobile business is striking evidence of this progress. The millions of pleasure and commercial cars already built and the many millions more soon to come into being, all owe their existence to the gasoline motor.

Among the companies that produce these cars and trucks one-hundred and forty-seven use one or more models of the Continental Motor. In the most progressive of industries it is highly significant that these manufacturers easily maintain a leadership in the very front ranks.

Continental Motor Mfg. Co.

Factories: DETROIT, MUSKEGON

Largest exclusive motor manufacturers in the world

Atwater Kent

Ignition System

Standard Equipment

(showing Mfrs

AMES

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

GRANT

HUPMOBILE

MERCER-BROOKS

MOLLER

KING

LAMB (Marion)

LIPPARD STEWART

METEOR

MONARCH

NEW ERA

NORWALK

PEERLESS

PRATT

REGAL

ROSS

REMINGTON

[illegible]ON

SCRIPPS-BOOTH

[illegible]

[illegible]

VULCAN (Marion)

[illegible]

[illegible]

Mr. Dealer:

Suppose you offer your customers an ignition system which has already displaced the magneto on more than thirty representative cars—a system not only moderate in price, simple, absolutely dependable and easy to install but which establishes a new standard of motor performance—a system which is an investment in safer, easier and pleasanter car control and in battery insurance. Can you imagine how quickly they will respond?

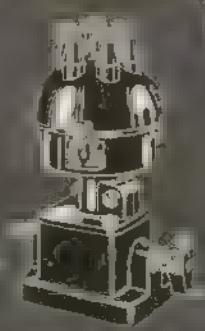
A single Atwater Kent installation has been known to produce dozens of sales as a result of its owner's enthusiasm.

If you sell automobile accessories your big opportunity is in the sale of equipment of known reputation. Atwater Kent Ignition needs no introduction for quality or performance. For years it has ranked as the most efficient and high-grade battery ignition system.

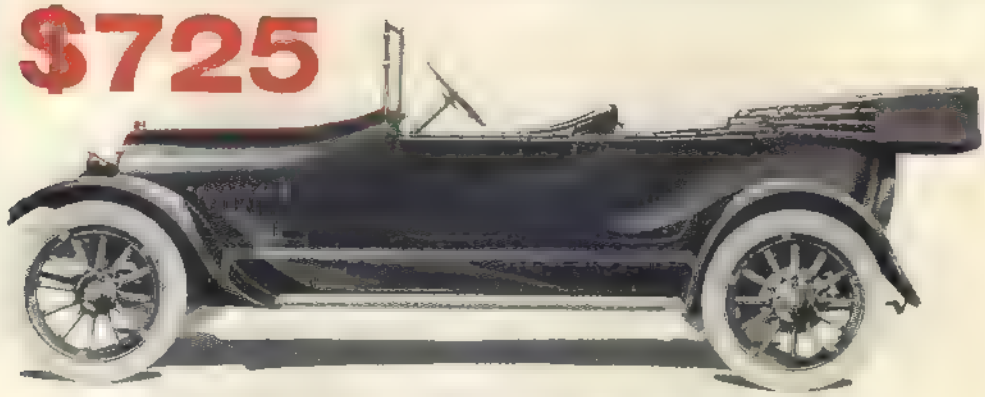
Comparatively few car owners, however, realize how much their cars would be improved by the installation of this scientific ignition system. No matter what car your customer drives, he is a good prospect for an Atwater Kent System. Get in touch with him and close the sale—send us his name and we will see that he is supplied with full information direct from the factory. We will help you close the sale.

Pick out your funniest and hardest-to-please customer to-day. Sell him an Atwater Kent Ignition System on a make-good basis; then decide for yourself whether there is an opportunity for you in Atwater Kent Ignition.

Atwater Kent Mfg. Works
493 Stenton Avenue
Philadelphia, Pa.



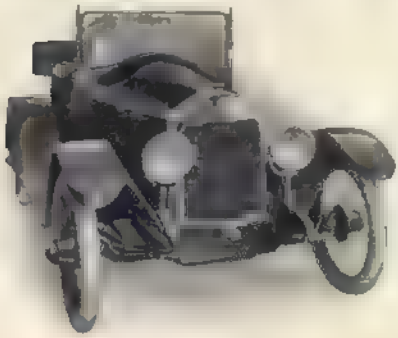
It's the Biggest Motor Car—
Inside and Out—Ever Offered You at
$725



CROW-ELKHART
"30"

Read These Specifications—Judge of Its Selling Value for Yourself

Then you'll agree with us that there's nothing below $1000 that can compare with it in value—and that your prospects can see with their own eyes. There is big—bigger than any other car ever built at anything like its price. Big inside and out—a body that will hold five big men, mounted on a wheelbase that is long enough to smooth the bumps out of rough country roads. Big under the hood—a motor that has as much power as many of the "jobs" that sell for twice the Crow-Elkhart's price.



CE-33 "Cloverleaf"

Then as to looks: The lines are up-to-the-minute in gracefulness. The finish is as smooth as a mirror—no scrimping anywhere. The upholstery combines with the strong and flexible springs and long frame to make the car easy riding and luxurious.

The whole story of this five passenger touring car, but, of course, the dash and lines of the "Cloverleaf" roadster you will find to be the best par

Specifications

Motor: [illegible] H. P., [illegible]" x 5" 4-cylinder Removable Head

Wheelbase—112"

Weight [illegible] 1370 lbs.

Color: Luxurious Black.

Tires: [illegible]" Cord, 32" x 3½"

Clutch: Efficient Multiple Disc Non-Slipping

Cooling: Thermo-Syphon, water jacket very large

Electric Equipment: Famous Dyer Unit Two Unit System.

Rear Axle: Full floating extremely accessible

Tops—Mohair; handy one-man type, curtains rolled up top

Rims Quick Detachable extra carried on rear

[illegible] gives power [illegible] speed to spare [illegible] with hill-climbing and [illegible] like grip on the road.

We can make prompt deliveries [illegible] Crow-Elkhart line. We [illegible] big lot of them. **We can fill your orders.** Write or wire us, or hop on a train and come.

Crow Motor Car Co., Elkhart, Indiana

DENBY **FOR TRAIL OR PAVEMENT** DENBY

DENBY

To Dealers:

The past twelve months have seen a wonderful development in the motor-truck business. The sales-possibilities for the present year are admittedly enormous.

The progressive dealer no longer wonders whether to take on a truck. His problem has become "which truck?" For with slight additional overhead he can add a volume of business greater even now in its returns than most pleasure-car agencies—and with infinitely greater prospects.

The Denby truck is designed by men who have been building successful trucks for years. It is produced by a company financially one of the strongest in the industry, owning a complete plant capable of economical production in quantity. It is, we believe, the best-designed and best-built truck in the country today. Its reputation for satisfactory, fleet-saving service is the highest. It offers the dealer exceptional sales cooperation, ranging from national advertising down through every detail of selling effort.

You can make money with the Denby—many other dealers are doing it now. Write or wire us regarding your territory, and we'll arrange to have one of our field men talk it over with you.

Denby Motor Truck Company
409 Holbrook Ave. Detroit, Mich.

There are four Denby models, each capable of chassis and body modification so as to be exactly fitted to any business.

½	ton (with open express body)	$890
1	ton chassis	1475
1½	ton chassis	1685
2	ton chassis	1985

DENBY **½ Ton Denby with Top** DENBY

DODGE BROTHERS
ROADSTER

A man's car in its sturdiness and swift response—a woman's car in its grace of line and design

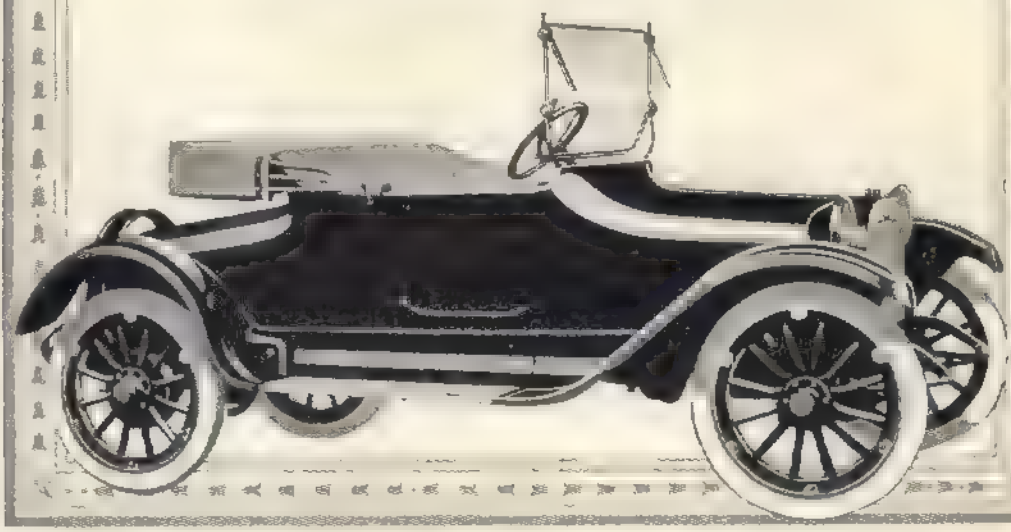
In short, an ideal car for two. Touring room for four, and luggage room for both. Beautiful finish and steady, consistent performance—no matter what you ask it to do or where you ask it to go.

The tire mileage is unusually high

The price of the Touring Car or Roadster complete is $785 (f. o. b. Detroit)

Canadian price, $1100 (add freight from Detroit)

DODGE BROTHERS, DETROIT



THE UNANIMOUS VERDICT

Elgin Six

SEEING IS BELIEVING

SPRINKEL BROTHERS
STANLEY STEAM AND MOTOR CARS
[illegible] LAKE STREET

AURORA, ILLINOIS, Feb 2 1915

Elgin Motor Car Corporation,
Chicago, Ill.

Gentlemen -

In reply to your request, I have no objection to your publishing the facts as I told them in regard to our making the agency for the Elgin Six, which I will again state as they may be clearly understood.

We decided recently to add to our line a lower priced car than those we were handling and were confronted with the difficult problem of selecting the best and most salable car in that class.

Having a number of inquiries from prospects for a Buick 6 each day, we decided to let those people assist us in the selection of the car, believing that the buying public rather than the dealer, is the best judge of what they want.

We accordingly requested nine representative users of Buick sixes to tell us what we were going to handle to their best advantage and give reasons. The results for this type of car [illegible] favorable, so we decided to make a personal investigation and we met up with the owners of the cars they preferred.

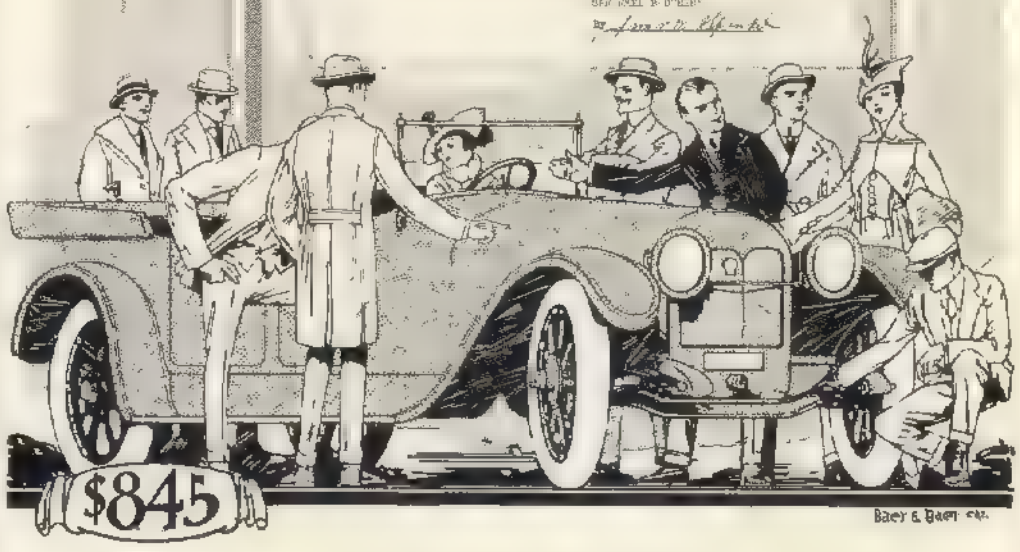
You can imagine our surprise when these reports were turned in to find that all but one named the Elgin Six.

That explains why, and a wire to us will bring you a proposition for the Aurora territory.

Yours very truly,

SPRINKEL BROTHERS

By [illegible]



Our Agency Plan Will Interest
Live Dealers—Wire or Write Today

ELGIN MOTOR CAR CORPORATION CHICAGO

New Home of

The HUDFORD

Makes the Ford a One-Ton Truck

The Hudford is a big success—the agency is a money-maker—the territory is fast being snapped up—if you want to represent us in your territory, let us hear from you by return mail—or better still, wire us for full information and list of several hundred users and dealers

HUDFORD COMPANY METROPOLITAN BUILDING BROAD AND WALLACE STS PHILADELPHIA

Hudford Co. of Chicago
Hudford Co. of Detroit
Hudford Co. of the Bronx, N. Y.

Hudford Co. of Washington
Hudford Co. of Long Island
Hudford Co. of San Francisco

Hudford Co. of Los Angeles
Hudford Co. of Toledo
Hudford Co. of Pittsburgh

IN every community there are many Motor Truck prospects to whom a sale can be made when factory requirements are not too rigid.

We will help dealers with prospects to make the sale; also, it may be a step toward establishing a permanent and profitable connection. You don't have to buy a "demonstrator."

The
United Motor Truck Company
GRAND RAPIDS MICHIGAN

KOEHLER ONE-TON TRUCK

COMPLETE WITH BODY $895
(TOP EXTRA)

Four Cylinder, Long Stroke, Overhead Valve Motor—Three-Speed Selective Transmission—Internal Gear Rear Axle—Shaft Drive—Wheelbase 129 inches—Extra Large Body, 8 ft. 6 in. long—One Ton Load Over All Hills on High Gear.

We do not hesitate to compare the KOEHLER ONE-TON TRUCK with any other ONE-TON truck manufactured, irrespective of list price, for economical operation, power under all conditions, efficiency, flexibility, advanced ideas of design and general appearance.

H. J. KOEHLER S. G. CO.
153 Ogden St. NEWARK, N. J.
Agency Correspondence Solicited

Avery Truck Increases Sales

The value of a motor truck cannot merely be judged in the dollar and cents saving over the horse cost of hauling. A truck has other features of value. For instance, a recent letter from a brewing company says,

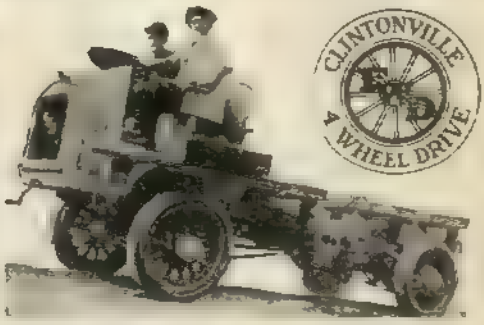
"Our Avery truck has only missed a few days up to now. We find it a great saving over the old style teaming, the truck giving prompt and quick service which has increased our sales."

The increased sales resulting from more prompt service than can be given when horses are used is one of the big points of superiority in favor of Avery trucks.

The Avery Truck Catalog contains more points of superiority and tells ALL about the "Truck that Does the Most Work."

AVERY COMPANY, 953 IOWA ST. PEORIA, ILL.

Cutting Costs Stories, No 13



U. S. War Department Uses the F-W-D Trucks

F-W-D Trucks in competition with two-wheel drive trucks and army mules proved most efficient. Since the marvelous performance of F-W-D Trucks in U. S. Army tests they have received the endorsement of the War Departments of all the leading powers in Europe.

Combined power, automatically putting every effort on the side, rear or front wheels, where most needed, is a feature you can't overlook. Let us tell you more about the wonderful ability of F-W-D Trucks. Send name and address today for facts. Dealers—Investigate this proposition *today*. Write or wire for territory and terms.

FOUR-WHEEL DRIVE AUTO CO.
505 Main St. Clintonville, Wis.

Every Unit in This New Glide a Feature For You

HERE is a light six for 1916 that carries a feature in every part. The Glide invites comparison, because comparison will show the larger value offered by the 1916 Glide than by any other at the price. The new Glide is

The Lightest Light Six With More Strength and Durability

Two hundred pounds lighter than any other light six of similar wheel base and power, because we use aluminum where others use iron. Aluminum costs nearly twenty times as much as iron, but it means less weight, more strength and lasting durability.

The Only Car Under $1200 With High Grade Features Throughout

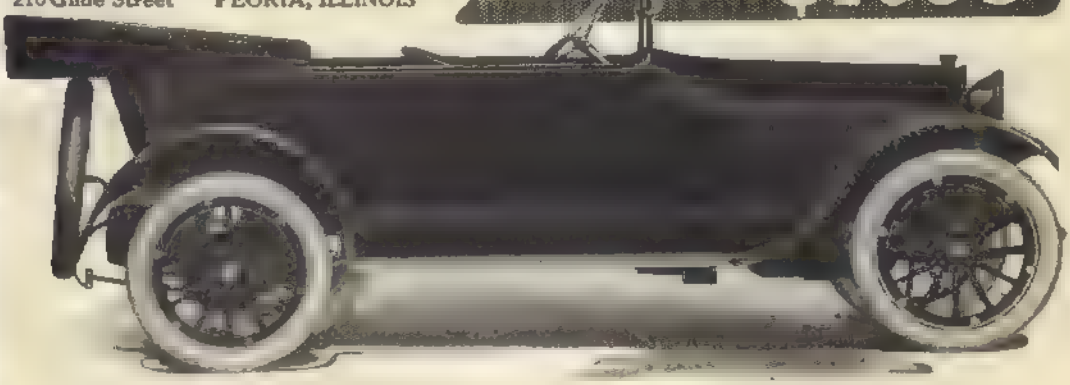
Rutenber high speed, 3x5 motor; Brown-Lipe transmission in aluminum case not an iron case, which is much cheaper but adds weight; Spicer universal joint and propeller shaft; Brown-Lipe differential; 34x4 Goodyear rims and tires not 32x4 or 33x4; 119-inch wheelbase; Westinghouse ignition, starting and lighting system.

Give the Glide an even chance with any car of equal size and power. Compare them part for part and you will not hesitate a moment. Write or wire today for dealer's proposition and territory. Catalog on request.

Bartholomew Company
210 Glide Street PEORIA, ILLINOIS

Glide

1916 Light Six "40"
$1095



This is one of the famous

HENNEY

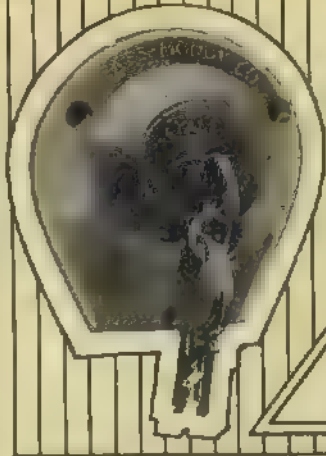
Commercial Bodies for Ford Cars

The name goes far toward selling them, because Henney Bodies are known the country over for quality and value

It's mighty hard to find a body that classes with the Henney, and if you do, you find the price is much higher

Sell Henney Bodies and you are sure to satisfy your trade. Our proposition is attractive—write for it

Henney Buggy Co., Freeport, Ill.



The B-M Switch WITH Yale Lock FOR Ford Cars

1—It automatically locks your car every time you shut your motor off.

2—Installed in two minutes by anyone—on any Ford having metal coil box.

3—Yale keys (no duplicates) prevent theft—always on the job—acts as your switch-key.

4—A sure—simple—pick-proof—sells.

ASK WHY

GOODRICH ACCESSORY ASSOCIATION

Widener Building, Philadelphia, Pa.

RUSCO

SPECIALTIES For Ford Cars

Transmission Lining
Emergency Cam Brakes
Woven Endless Fan Belts
Tire and Trunk Straps

We are manufacturers for all of the above articles. Made from the best materials, they give the best of satisfaction. Write for prices and discounts.

The Russell Manufacturing Co.
MIDDLETOWN, CONN.

PARTS for FORDS

WHOLESALE ONLY

Hudson's Celluloid, Snap-on Rear Curtain Light

Our rear curtain [illegible] snap on [illegible] curtain

[illegible] $6.00 doz

Rear Axles, Tapered for Ford Cars

made of 40% carbon steel [illegible]

Price in lots of 10 . $[illegible]

Price in lots of 25 . [illegible]

Switch Keys, Will fit any Ford Car

A good seller for jobbers

Price per hundred $2.00

Number 2710 Spindle Bolt for Ford

Retails at $.40 each. Price per hundred . $18.00
Contract price on 1,000 lot shipments

Valve Stem Adjusters

Packed in cartons, eight caps and 40 adjusters to a set. Price per hundred sets $9.50
Packed 200 sets to a box

[illegible]

Terms Cash With Order

SPECIALTIES FOR FORD CARS CO

1410-20 Wallace St. Philadelphia, Pa.

Disguised!

But Still a

FORD

Yes it's a FORD. But the rust, grit, rattles, the cheap locks, the drinky radiator and flat fenders have been replaced. Look at it now! Handsome, rakish, shapely and as attractive as any thousand dollar car! This is the effect you get from

LAWCO RADIATOR SHELL
STREAMLINE HOOD
CROWN FENDERS

The most popular Ford Accessories on the market. Sell to every Ford Owner who drives for pleasure.

But it right, priced right. Dealers don't carry them in stock. They sell them! Place your orders early—Get our proposition today

The F. H. Lawson Company
Established 1816
Dept. T Cincinnati, Ohio

Makes a Ford Comfortable in Any Kind of Weather

That's what made thousands of Ford owners buy

COZY CAB TOPS

The 1916 model shown at Chicago has set a new mark in close fitting tops for Fords. The new model means a new, popular price, new easier method of ownership plan, and a big cold do not make any arrangements for tops for Fords until you have consulted us. Write today for the new deal

THE COZY CAB TOP IS A YEAR AROUND TOP

You can sell in summer as well as in winter

FOUTS & HUNTER CO. 220 S. Third St. Terre Haute, Ind.

SPECIALTIES

TRADE APCO MARK

FOR FORDS

1916 CATALOG AND PRICE LIST READY NOW

DEALER and JOBBER GET YOURS NOW

AUTO PARTS COMPANY
PROVIDENCE, R. I.

NATIONAL

ZIG-ZAG

RADIATOR
AND
STREAM-LINE HOOD

$45.00

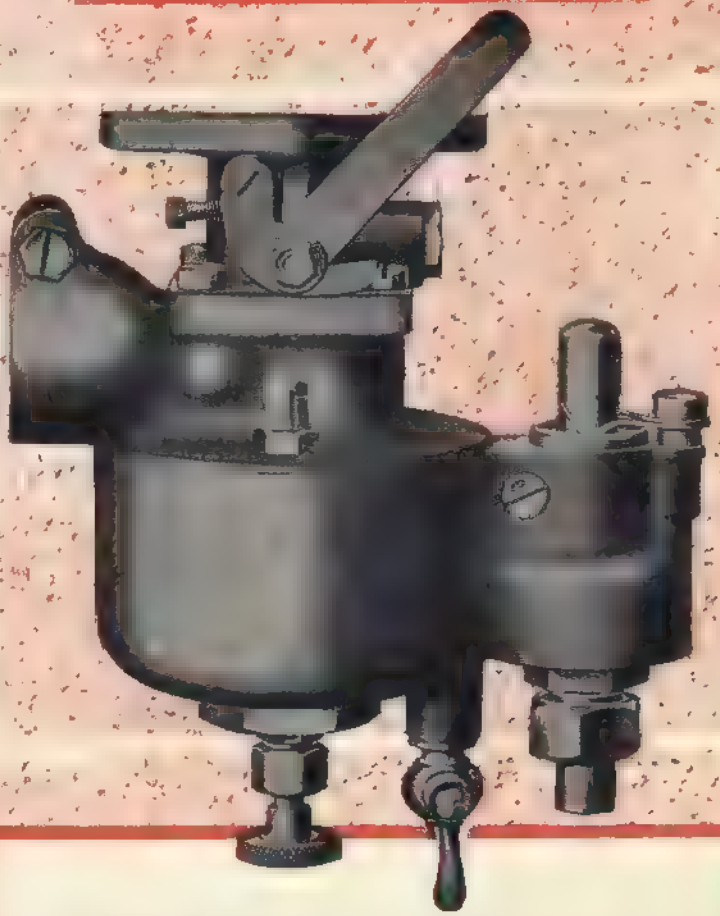
EASILY INSTALLED ON ANY NEW OR OLD

FORD CAR

ORDERS FILLED AS RECEIVED

NATIONAL CAN COMPANY
Radiator Dept. DETROIT, MICH.

HOLLEY
CARBURETOR



The qualities which have made the famous "no moving parts" Model H the most extensively used carburetor in the United States, also make it the most desirable one for you to sell.

Every buyer will like its unequalled easy starting, speed economy and quick acceleration. Catalog on request.

Holley Brothers Co. Detroit, Mich.

An-Up-to-the-Minute Motor-Generator Set

For Charging, Starting, Lighting and Ignition Batteries

that combines everything necessary motor, generator, and control panel—in one compact unit.

Easy to install and operate, nothing to require constant attention or adjustment, takes up little space and performs its duty economically.

A money maker for the public garage; a money saver for the private garage.

Sets to suit all sizes of batteries and for operation on all commercial circuits. Shipped completely assembled ready for connection to service lines.

Drop us a post card for further particulars.

Westinghouse Electric & Mfg. Co.

Sales Offices in all Large American Cities

East Pittsburgh, Pennsylvania

WHEN WRITING ADVERTISERS KINDLY MENTION AUTOMOBILE TRADE JOURNAL.

What is the life of this battery?

No one really knows; for its limit of usefulness has not yet been reached. There are many instances of the

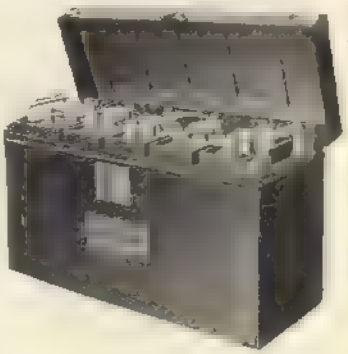
Edison Storage Battery for Lighting and Ignition

being in continuous use for six years, without changing plates or separators, and still having a capacity of 100 per cent.

This is so different from the experience of those using other makes of batteries that it is hard for them to believe it possible that a battery can be used for so long a time without troubles, replacements or repairs and still have it good as when new.

Nevertheless it is true.

The Edison battery is made of steel. There's nothing to break, buckle or crack. It can be depended upon to give long, constant and efficient service. It has a longer life with lower yearly depreciation and maintenance cost than any other storage battery made. Write for data.



Edison Storage Battery Company

FACTORY and MAIN OFFICE: ORANGE, N. J.

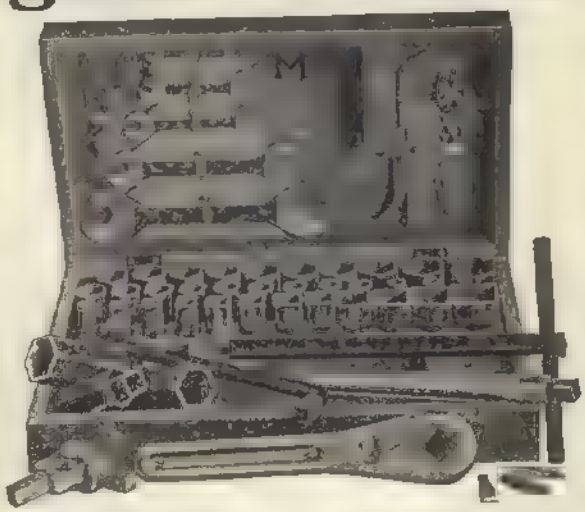
DISTRIBUTORS IN

New York Boston Chicago Detroit Washington San Francisco
Los Angeles Portland, Oregon Seattle

Logical Wrenches

60 Openings at 20c each —Quite Reasonable

$12.00



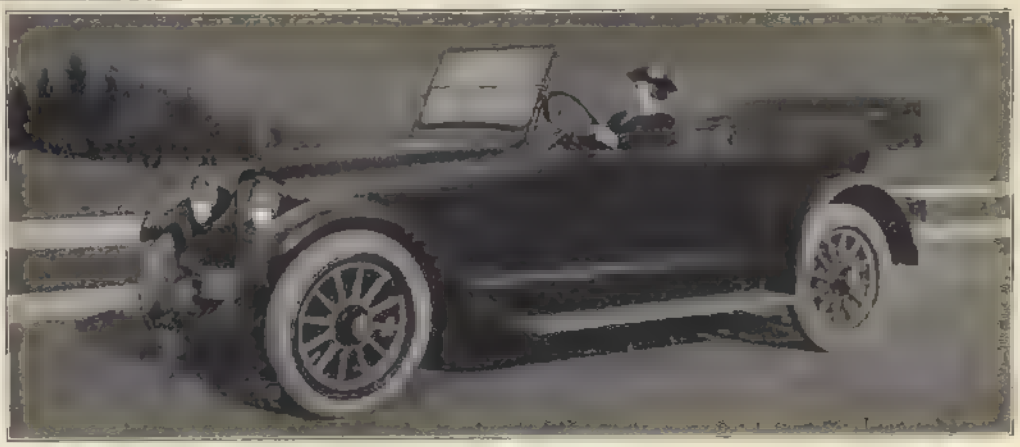
Are those that fit the work accurately, "tighten up" efficiently and continue to do so forever

If your dealer cannot supply you, we will ship prepaid on receipt of price

Ask for Complete Tool Book No. 181 D

The "Complete-est" Wrench Set, No. 14

FRANK MOSSBERG CO. ATTLEBORO, MASS.



MERCER

AN inspection of the Mercer reveals a pleasing absence of mechanical eccentricities. The carefully constructed, high-grade, four-cylinder chassis is exceedingly simple, flexible and powerful. Additional cylinders in the Mercer would be superfluity.

Write Regarding Unoccupied Territory
Catalogue Mailed on Request

MERCER AUTOMOBILE CO.

900 Whitehead Road **Trenton, N. J.**

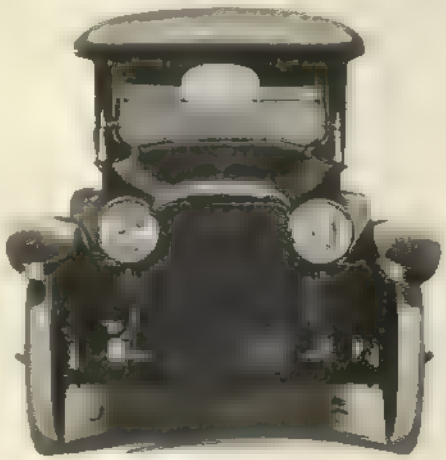
The New Detroiter Model 6-45, at $1098

AMONG the new six-cylinder values offered at close to $1000 is the Detroiter 6-45. This is an entirely new car and was shown for the first time at the Chicago Show Brief specifications were given in our review of the Chicago Show It is the work of Walter R. Bamford, engineer of the Detroiter Motor Car Co.

A noticeable feature is the wide and roomy tonneau of the five passenger body, which is of the latest streamline type, giving a low-hung effect, this being produced by underslinging the long rear springs. As easy riding is one of the qualities claimed for this new Detroiter model, a word in reference to the springs is in order. These springs are 52½ in. from center to center and 2¼ in. in width. They are not only underslung, but are fairly flat supported at the forward end underneath the frame by a cast steel member riveted to the frame At the rear the upswept frame is brought down again in an arc similar in shape to that of the upper section of a three-quarter elliptic, the frame end carrying a shackle by which the spring is supported. The front springs are of the usual semi-elliptic type. Both springs are banded, the front spring being mounted on top of the I section drop forged heat treated front axle

The car is not a small one, having a wheelbase of 118 in., and carrying 33 x 4 in. Goodyear non-skid tires on the rear, as standard equipment. These are mounted on Stanweld No. 20 demountable rims, five of which are supplied as regular equipment The extra one is carried at the rear on a special bracket.

The general appearance is somewhat racy, owing to the low-hung body, slanting windshield, wheels of the clear-vision type, and the long sloping crowned front fenders, which carry the running board well back Even the lines of the radiator are moulded to harmonize with the body, the top of the radiator being beveled off toward the front in a graceful curve. A front view of the car discloses the fact that efficient protection for the radiator is provided by means of a shield, which is carried down below it and also forward to the end of the frame



Front View Detroiter 6-45.

This gives a good idea of the front axle, the well supported crown fenders, curved front radiator which merges into the streamline of the hood. Car has a wheelbase of 118 in., tread standard 56 in., seats five passengers and sells for $1098

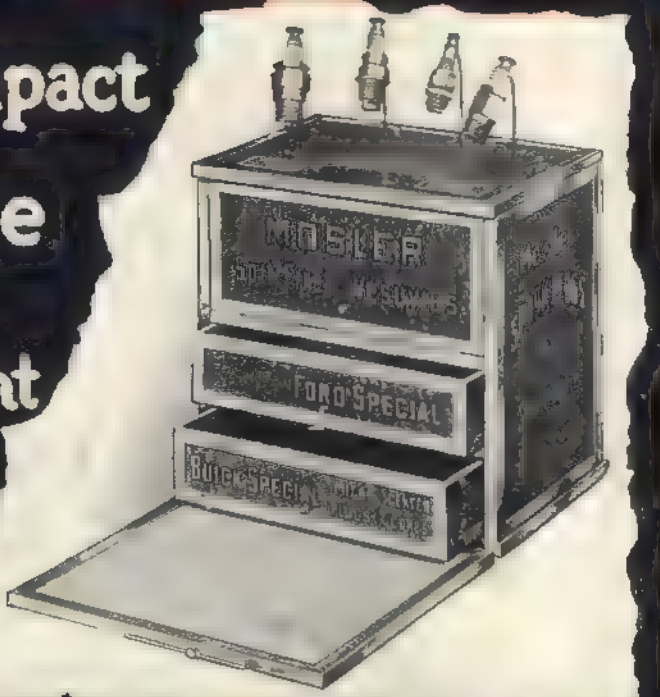
Three-Quarter View Detroiter 6-45.

This shows the streamline effect, one-man top, slanting windshield, long crowned fenders, splash shields at the front protecting the cellular radiator, etc. This new model six sells for $1098 f.o.b. Detroit

Mosler Display Cabinet FREE

Handy Compact Attractive

Contains the Right Plug for any Motor



Contents: 36 plugs and 6 center cores

Assorted:
- 20 Vesuvius
- 24 Superior Ford Special
- 4 Buick Special
- 4 Mica
- 2 Spit-Fire Platinum Point

Weight: 30 lbs. complete with especially built shipping case

Size: 10 x 10½ x 8½

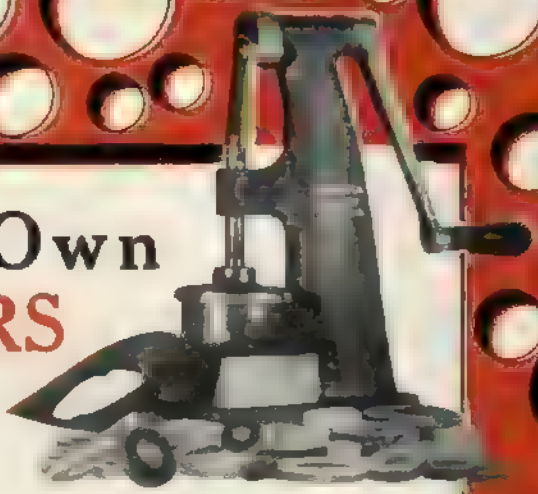
Ad Matter: Contains display cards, felt counter mat, decalcomanie, size chart of plug gaps, garage sign and full assortment of literature

Price: $24.00 the exact cost of contents, no charge being made for the cabinet. The plugs in display can be used as regular stock

A. R. Mosler & Co. New York, U.S.A.

Cut Your Own
WASHERS

Save Time and Money



Jobbers and Dealers

Don't waste time waiting for shipments of special Felt Washers. Cut them yourself, in a minute, with your own Patent "ADVANCE" Machine.

ADVANCE
QUALITY + SERVICE

Patent Washer Cutter in Operation

When a washer (FELT, RUBBER, LEATHER OR ASBESTOS) on a Packard, Pierce-Arrow, Cadillac or Chalmers needs replacing, at present you must send to a service station or the factory, with a delay of a week or more, and expense of at least a dollar.

With the Patent "ADVANCE" Machine, you select the goods desired from your own stock, and cut the size washer you want, for any car, in a minute, at the maximum cost of a few cents.

The "ADVANCE" is the only washer cutting machine made, that cuts. A regular hand punch press, complete with a full set of dies. Will cut Felt, Leather, Rubber or Asbestos. Guaranteed to Give Satisfaction.

GARAGE AND REPAIR MEN If you use Felt, Leather, Rubber or Paper Washers it will pay you well in money saved, to cut them yourself with an "ADVANCE" Washer Cutting Machine.

ADVANCE
QUALITY + SERVICE

WASHERS and GASKETS
for FORD AND OVERLAND CARS

The Best Selling Line

Extensive ADVANCE advertising in leading motor car publications, our handsome Counter Display Card and prompt attention to prospective customers' inquiries for catalogs and many other helps with the Patent ADVANCE Washer Cutter are lower prices for high grade goods put "ADVANCE" sales ahead of all others at the most important demand for the "ADVANCE" line is satisfied only by quality goods on "ADVANCE" machines, bearing the "ADVANCE" trade mark which means GUARANTEED QUALITY + SERVICE. Liberal discounts to dealers and jobbers.

We carry a complete line of Felts for all purposes

Attractive Counter Display Stand Furnished Free to Dealers and Jobbers. A Big Business Stimulator

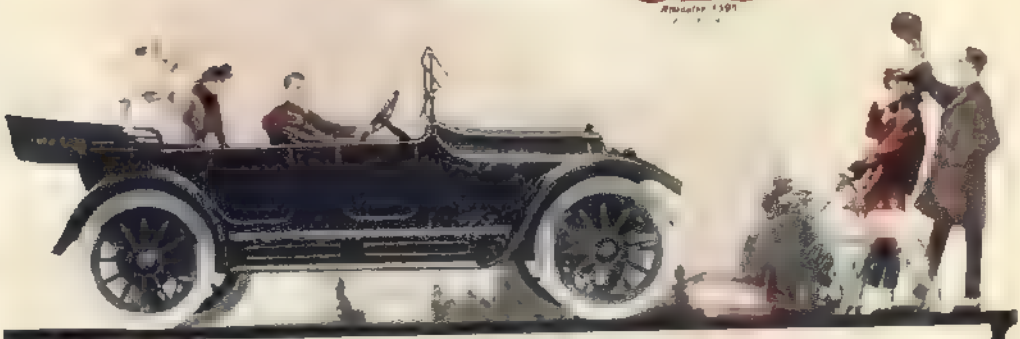
Advance Felt Specialty & Cutting Co.
157 West Harrison Street, Chicago
SALES OFFICES: New York Detroit San Francisco

Overland

Model 77

$615

Roadster f.o.b.



Its Completeness Won Instant Success

Never before has any model been such a complete and instantaneous success.

Small wonder, really.

For never before has there been so complete a car at anywhere near so low a price.

It stands out alone boldly conspicuously—unapproached—a powerful five passenger touring car *complete* for only $615.

Note that word "complete."

That means electric starter and electric lights, electric horn, magnetic speedometer—in fact every necessary item. Nothing is lacking. There are *no* extras to buy

Note that the motor is the very latest *en bloc* design—the last word in fine engineering

Note that the tires are four inch size. Many cars costing more have smaller tires

Note that the rear springs are the famous cantilever type Many bigger more expensive cars are nowhere near as easy riding

Note the headlight dimmers the electric control buttons on steering column—demountable rims and one-man top—all big features—high-priced car features

And it is a perfect beauty—snappy, stylish, speedy

No wonder there's a rush to possess the car the world has been waiting for

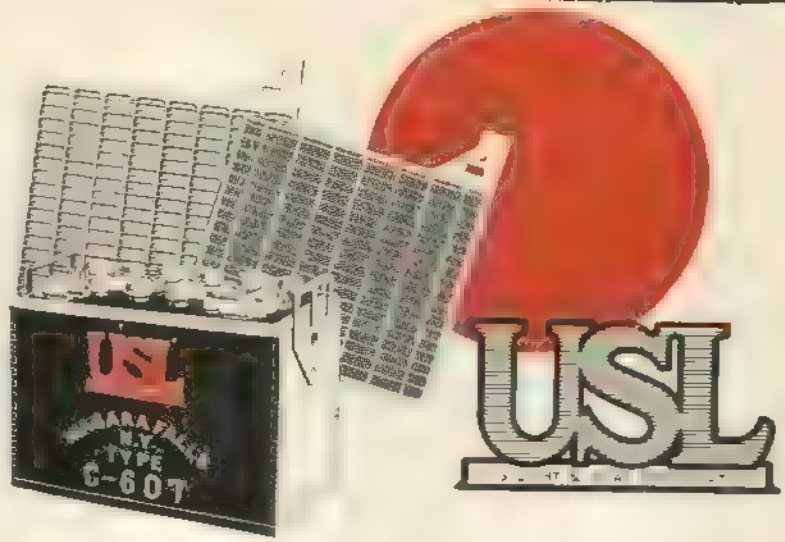
But that means quick action on your part in order to get a prompt delivery.

Don't delay—get your order in today

Remember it comes complete—only $615

The Willys-Overland Company, Toledo, Ohio

Made in U. S. A.



A Real Money-Making Opportunity for Dealers

IN every city or town where automobiles are sold there is a wonderful opportunity for a live dealer to add vastly to his income by selling starting and lighting batteries.

Do you realize that approximately one battery is sold ***at retail*** to automobile owners alone every time two sets of tires are sold?

Did you ever figure how many ***thousands*** of retail battery sales this means each year?

Is there anybody in ***your*** territory going after this business in the right way?

Write us. Let us tell you how easy it is to make money selling starting and lighting batteries.

Let us tell you how easy the USL is to sell, because its special machine-pasted plates make it ***last longer than any other starter battery ever built.***

You will be amazed when we explain to you fully the wonderful opportunities for profit in battery selling. Write us today. Exclusive selling territory will be allotted to the right dealers

U. S. Light & Heat Corporation, Niagara Falls, N. Y.

Branches: New York, Buffalo, Detroit, Chicago, Cleveland, St. Louis, Boston, Washington, San Francisco, Kansas City

The Beauty of the Coupe De Luxe is More than Paint Deep

It is built on the same sturdy chassis as the Pullman Two, Three and Five Passenger Models, powered with the same spirited, dependable motor. It represents the very latest vogue in automobile construction. Women instantly enthuse over its cozy luxury—its trim lines and faultless taste. Equipped with C-H Magnetic Gear Shift. Convenient push buttons take the place of an awkward gear lever. Anyone can operate the Coupe De Luxe.

SPECIFICATIONS: 114-inch wheel base; 32-H.P. four-cylinder motor; Batavia non-skid tires on all four wheels; cantilever rear springs; C-H Magnetic Gear Shift; independent electric starting and lighting systems; separate high-tension magneto; honeycomb radiator; full-floating rear axle.

We have territory for live dealers

Two, Three and Five Passenger Models, $740
Write for Coupe De Luxe Brochure

PULLMAN MOTOR CAR COMPANY, York, Penna.

REFLEX

The Question isn't How Many but How Good

"This is the kind of plug I am always glad to sell. It is a Reflex and it's sold on a mighty broad and liberal guarantee. All Reflex Spark Plugs are fully guaranteed against defects in material or workmanship. Any Plug that proves defective will be repaired or replaced free of charge. Your money back if not entirely satisfied.

"Some manufacturers are making more Spark Plugs than the Reflex People. But in selling Spark Plugs I always like to consider not 'how many,' but **'HOW GOOD.'** Your patronage is worth far more to me than the few cents additional profit I might make by selling you a plug that wouldn't stand up and deliver the goods. You'll find that Reflex Spark Plugs are better than those usually furnished with the car."

Your customer can't get away from that argument. The service he is bound to get from Reflex Plugs will win his trade and his confidence for you. Hundreds of dealers are controlling the quality business on spark plugs in their territory. The cut-throat competition of a dozen dealers in their own community is eliminated by the Reflex Exclusive Agency and they are making a worth-while profit on every Reflex Sale.

A Reflex Free to Every Dealer

We want you to prove for yourself "How Good" Reflex Plugs are made. Write us on your letterhead stating make of car. We'll gladly send you a Reflex **free of charge**; tell you more about the free display cabinet, signs, circulars and other sales helps that build bigger and better business for Reflex Dealers.

Grasp this opportunity. Write us at once.
Open territory is fast being assigned

THE REFLEX IGNITION COMPANY
1712 Payne Avenue, Cleveland, Ohio

RAYFIELD CARBURETORS

Our business doubled in 1915 because the conviction that the Rayfield is the world's best carburetor has spread far and wide.

For 1916 a triple increase is assured. Rayfield supremacy is thus steadily advanced by the fast multiplying numbers of Rayfield users everywhere.

MR. DEALER

Turn this flood of orders your way. Get your share of Rayfield prosperity. Many Rayfield service stations in 1915 added from $1000 to $6000 business in Rayfield installations alone. We will give you their names and show you how they did it.

This year will see greater records. Your customers will buy Rayfields. Why not from you? Don't delay, but seize the golden opportunity.

FINDEISEN & KROPF MFG. CO.

2107 Rockwell Street, CHICAGO

Branches:

1140 Michigan Ave., CHICAGO 1902 Broadway, NEW YORK 1214 Woodward Ave., DETROIT

REPUBLIC

THE HONEST TRUCK AT AN HONEST PRICE

DEALERS: With the Republic Behind You—

You can capture the *greater* truck market now ready for high grade motor transportation at reasonable cost.

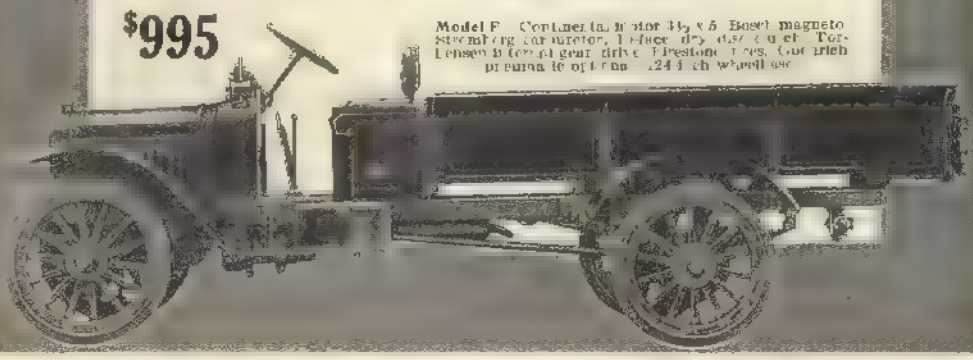
Actual Republic sales have increased 800% during the last year.

Some idea of the demand will be gained from the fact that the Republic line is now represented by Dealers and Service Stations in over 300 principal cities.

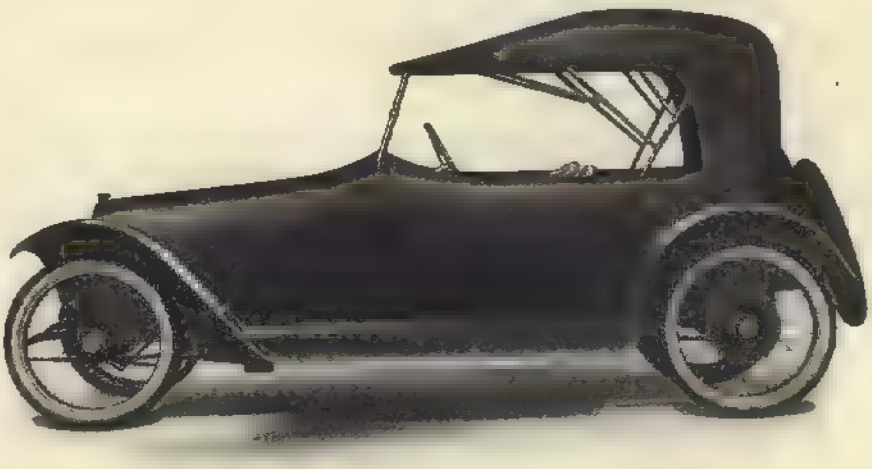
The complete line of Republic Internal Gear Drive Trucks includes: Models F, ¾-ton, with express body, $995; E, 1-ton chassis, $1275; A, 2-ton chassis, $1575; T, 3-ton chassis, $2350. Write for our liberal proposition.

Republic Motor Truck Company
Dept. H Alma, Michigan

$995



Model F Continental motor 3½ x 5 Bosch magneto Stromberg carburetor, 1-thermo-dry disc clutch Torbensen internal gear drive Firestone tires. Goodrich pneumatic optional 124-inch wheelbase



Individuality

AT the country club, on Riverside Drive, Commonwealth Avenue, or Sheridan Road, in the eternal sameness of the throng of cars are seen a few examples of distinction in design but the memory of these few lingers long after the multitude of mediocrity is forgotten.

Individuality is a salient characteristic of the S J R –its delicate streamline curves, sweeping back from the jaunty radiator to the rounded rear end of the body, call to mind the best of the cars to be seen on European boulevards.

The general specifications of the car are just as significant to those who are motor-wise; and imply a degree of performance in harmony with the aesthetic perfection of the body.

Europe has, in fact, had for several years many cars of this type, but it has remained for the S J R designing engineers to bring to their highest development the tried and proven principles of light weight and scientifically correct spring suspension, coupled with a motor which can be relied upon to carry the car and its passengers anywhere that a wheeled vehicle can go.

In fact, the S J R is the ideal car for the day's outing at the country club, for social usage in town and for the many exacting requirements of the modern business man.

Local sales offices are rapidly being established—if not yet represented in your city, write for detailed information and specifications.

S J R Motor Company

Sales Office:

126 Massachusetts Ave., Boston, Mass.

Something New

AFTER long study and many experiments to find some attachment or device that would permit quick and at the same time *accurate* pumping up of tires, we take pleasure in announcing the placing on the market a pump connection which at last satisfies us and to which we can lend our name.

THE NAME SCHRADER is a guarantee of quality.

The new **SCHRADER UNIVERSAL PUMP CONNECTION** is a patented device which may be attached to any and all pumps now in use for inflating automobile or motorcycle or bicycle tires It screws on to the end of the rubber tubing of the pump, and connects with the tire-valve by means of a simple swivel-nut In combination with the contact with the tire-valve, is a deflating pin which permits of the pressure in the tire being taken while the pump is still attached to the tire and in operation.

The motorist pumping up a tire will thereby be saved the labor and annoyance of detaching the pump from the tire to test the degree of its inflation and of re-attaching it in case the tire is found to need more air.

THE SCHRADER UNIVERSAL PUMP CONNECTION is equipped with regular check valves so that in no way can there be any leakage when the pressure gauge is applied. It is offered for sale to the consumer at 35 cents, and extensive advertising in national and automobile magazines will be undertaken to foster and develop the trade demand already existing.

SCHRADER UNIVERSAL PUMP CONNECTIONS will be in the hands of jobbers after Jan 1, 1916 If your jobber happens not to have them in stock, please write us direct, (giving his name) and we will see that you are supplied.

A. SCHRADER'S SON, Inc.

785-795 Atlantic Ave., Brooklyn, N. Y.

CHICAGO
1200 Michigan Avenue

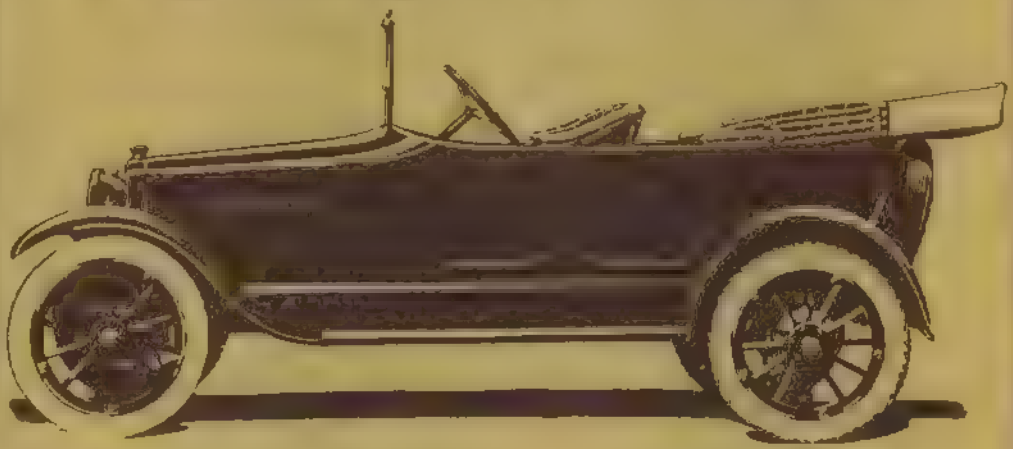
LONDON
Dorset Place

TORONTO
20-22 Hayter Street

SCHRADER products were awarded a Grand Prize and two Gold Medals at the Panama-Pacific Exposition. *"THERE'S A REASON"*

SAXON "SIX"

A big touring car for five people



The top place car in its price class

Here is a finished example of the modern quality car. It will meet fully your ideals—in beauty, in luxury, in comfort, in strength, in speed, in power.

It typifies—in every feature, in every detail—the newest developments in fine automobile construction. And the price—$785—is a new price for a class car

SAXON
Strength - Beauty Service

"Sixes"

Touring Car $785
Roadster 785

"Fours"

Roadster $395
Delivery Car 395

Here are resistless attractions

If you seek the utmost in present-day automobile value—then this Saxon "Six" at $785 will surely win you. It has *lightness*—gained through costly materials and ablest design. So it is strong and rugged, too.

It has *power*—of fluid smoothness and flexibility. No car of like price can compare—we believe—in acceleration and all-around performance under all conditions. And this Saxon "Six" high-speed motor develops greater power per gallon of gasoline.

It has *beauty* - unrivalled yachtline grace. Its finish is of superb and lasting lustre. It has *comfort*—it is a big, roomy car. All five passengers have ample space. The wheelbase is 112 inches.

It has operative *economy*. Saxon Six high-speed motor saves [illegible] cost. It has a [illegible] electric [illegible] and [illegible] chromium, rubber

It has *Timken axles*, with full *Timken bearings* throughout the chassis. Even costly cars have no better. It has *helical bevel driving gears*. Thus the noise [illegible] many cars are [illegible] in Saxon [illegible]

It has *linoleum* covered *aluminum* bound running boards and floor boards and nearly a score more of further refinements. See [illegible] at [illegible] Saxon [illegible] the [illegible] of the times—a car where [illegible] the price

Write for our interesting booklet "Saxon Days." Address Dept. B.

Saxon Motor Car Company, Detroit

(320)

Luxury

LUXURY is a relative sensation, judged only on the basis of previous experience. To the poor, luxury is relief from discomfort; to the rich, it is their sensation of greater comfort. Only those used to comforts can be connoisseurs of luxury.

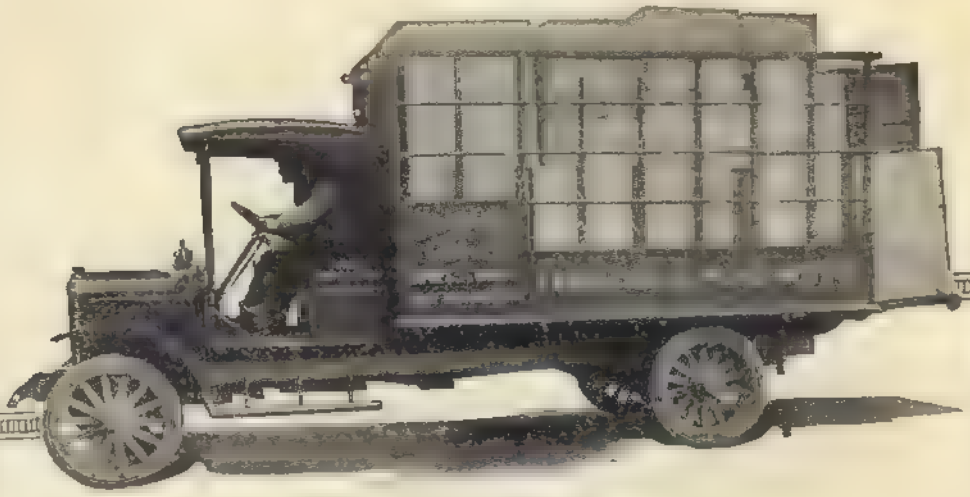
Newport and Ocean Avenue, New York and Riverside Drive, Chicago and Sheridan Road all contain Scripps-Booth after-purchase enthusiasts, who are enjoying new pleasures in owning and driving Scripps-Booth cars.

The message to you of this fact needs no explanation.

ROADSTER $775
COUPE $1450

SCRIPPS-BOOTH SB DETROIT

Scripps-Booth Company
Detroit, Mich.



Service

WORM DRIVE

Motor Trucks Give the Best Service

1—1½—2—3½—5 Ton Models

Built especially for hard, incessant wear—to stand up under full capacity loads and travel all roads. Service construction is the best that thoroughly experienced motor truck engineers, modern equipment and ample factory facilities can produce.

Each unit in Service Trucks is Standardized —the best made—Buda Motor—Timken Axles—Eisemann Magneto—Long's Radiator—Brown-Lipe Transmission—Ross Steering Gear, etc. In addition every unit is oversized—20% above standard—giving more strength, more power and more flexibility than needed.

The Service enables you to cover *more territory with heavier loads*, faster and incessantly, without breakage or interruption—day and night—at a minimum cost of maintenance. Investigate in detail, the full possibilities of Service Trucks for your business.

Over 5 years practical experience in building motor trucks exclusively enables us to produce a truck that will stand the test of time in actual use under all conditions.

We Want Live Dealers—Write Today

for catalog and full information. Catalog for truck users mailed on request.

Service Motor Truck Co. **102 Grand St.** **Wabash, Ind.**

(Five Years Experience in Manufacturing Motor Trucks Exclusively)

The Lodge & Shipley Machine Tool Co., Cincinnati, O., operates two Trailmobiles.

How Many "Lodge & Shipleys" in Your Town?

How many live manufacturers, merchants, contractors, farmers who want to cut their hauling costs in half? They're all your prospects

In November, 1915, the Lodge & Shipley Machine Tool Company purchased a Trailmobile to use behind their ¾-ton Jeffery truck. It worked so well, was so useful, reduced their hauling costs so materially, that a month later they purchased a second Trailmobile The combined load of the ¾-ton truck and one Trailmobile is 1½ tons—in constant daily service.

In your town, your county, are many concerns, many individuals who need the Trailmobile. You can sell dozens, yes hundreds of them and make a big profit.

Built Like a Motor Truck

The Trailmobile has roller bearings, motor-truck wheels and axles, automobile frame and springs, shock-absorbing draw bar and a special patented steering device that works like that of an automobile. Nothing less than construction of this kind will stand up under automobile speeds.

Any pleasure car or truck will pull one or more Trailmobiles. The market is tremendous.

Write for Catalog and Agency Plan

We have an interesting plan to start you in the Trailmobile business. Catalog shows many styles of bodies on bases from 1250 lbs. to 2000 lbs. capacity Write today to The Bechler & Co., 662 E Fifth street, Cincinnati, O. Sole manufacturers of

Trailmobile

TRADE MARK REG U.S PAT. OFF

Patents applied for

"The Motor-less Motor Truck"

A TYPE for every GASOLINE MOTOR
SPLITDORF COMMON SENSE SPARK PLUGS
Jeffery, Morton, Firm and Wichita Fads Truck Equipment
Franklin Equipment
AND NO GASOLINE MOTOR IS COMPLETE WITHOUT SPLITDORF SPARK PLUGS

"There come moments in the lives of men and groups of men, bound together by a common ambition, when there is a supreme satisfaction experienced, because of an Ideal attained an ambition realized, a task well done.

"The Pathfinder Company years ago set about developing a car that could fittingly represent America in the world's congress of Automobile builders; a car that should surpass the supreme efforts of the motor car industry. We are willing to accept the judgment of the American public on our latest efforts".—from the catalog of Pathfinder the Great.

¶ Attainment of such an Ideal in the Complete Car necessitated a selection of the Ideal in each one of its Component Parts.

¶ In selecting axles for ***Pathfinder the Great,*** it is only natural, therefore, that the builders should have chosen—

The Full-Floating
American Axle

Equipped with Spiral Bevel Gears and Bock Taper Roller Bearings

Licensed under The Kardo Company Patents

The American Ball-Bearing Company

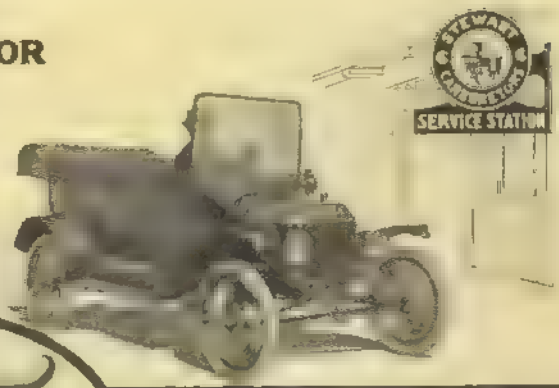
Pioneer Axle Builders of America **Cleveland, Ohio**

STEWART CARBURETOR for *Ford Cars*

$15.00

COMPLETE

Outfit includes a Stewart Carburetor, Special Aluminum Manifold, Dash Adjustment, Hot air connections and all fittings as illustrated.



The sign of the Stewart Service Station watch for it

There are special STEWART Installations for the most prominent cars

Add this *new*

Easy Starting, Economy and Flexibility to your Ford car—

Don't wait—

Now is the time to install the Stewart Carburetor on your Ford.

On these cold winter mornings it will make your car unusually easy starting—no need to prime the cylinders or heat them with warm water—the Stewart will do the work—and ***quickly***.

It will add a new ***flexibility*** and ***increased power*** to the motor—and ***economy*** great enough to soon save the low cost of installing.

Spring will soon be here. You will be getting your car in shape for the enjoyment of the season's motoring. By installing the Stewart ***now*** you can enjoy the advantages of your car ***earlier*** this year, and be free from all carburetion troubles. It will put a new life into your Ford that you could not otherwise enjoy.

The Stewart Carburetor is standard equipment on many of the world's most noted cars, both in America and abroad.

The Special Stewart Installation for Ford cars is identical in design and workmanship to the Stewart models used on larger and higher priced cars, of which over 100,000 will be built in 1916.

One concern, owners of a Stewart equipped Ford, write us:

"Testimonials are easily gotten, and for that reason are not worth much, but we must say that its performance has been most excellent in every respect, considering the fact that it has been very cold here, and that the car has started very easily mornings in a cold garage. So satisfactory this performance has been that our Mr.—— desires a Stewart to be placed on his——eight cylinder car."

Other users are writing us this way every day. So would you.

It takes only an hour to install it on your car. The installation comes complete with new design intake manifold, carburetor, dash adjustment, and all fittings as illustrated. Price, $15.00.

Name and address of nearest dealer upon request. Descriptive literature ready. Ask for Booklet B-2.

DETROIT LUBRICATOR COMPANY

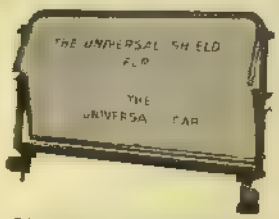
DETROIT U.S.A

Make Your Old Ford A 1916-Model

Nothing adds more to the beauty of a 1912, 1913, 1914 or early 1915 Ford car, than a handsome, up-to-date windshield, with a beautiful, streamline cowl. Brings your old Ford right up to the minute, and gives it the appearance of the very latest model.

Conover Cowl Shields for Ford Cars

Conover Cowl Shields for Ford cars are designed and built to beautify early model Fords, and to provide greater comfort and convenience as well. Shield is rain-vision and ventilating equal to the shields on high-priced cars. Best quality plate glass used. Cowl is a heavy steel stamping, superbly finished, and exceptionally rigid and durable



Page Products for Ford Cars

Page Tire Savers for cars up to 2500 lbs. Fine, strong, good-looking and cheap. $3.50 set f.o.b.

Page SafTsteer for Ford cars. Holds Ford straight in the road. Rights steering gear automatically when one wheel hits an obstruction. All steel pressed, no castings. $2.50 each

Page Air Press Pump, for transferring oil, gasoline or other liquids from original barrel to storage tanks, with air from foot pump. Does the work quickly and without slop. $3.00 each

Dealers Write for full particulars, and the paying Page proposition.

Page Woven Wire Fence Company

Adrian, Mich.

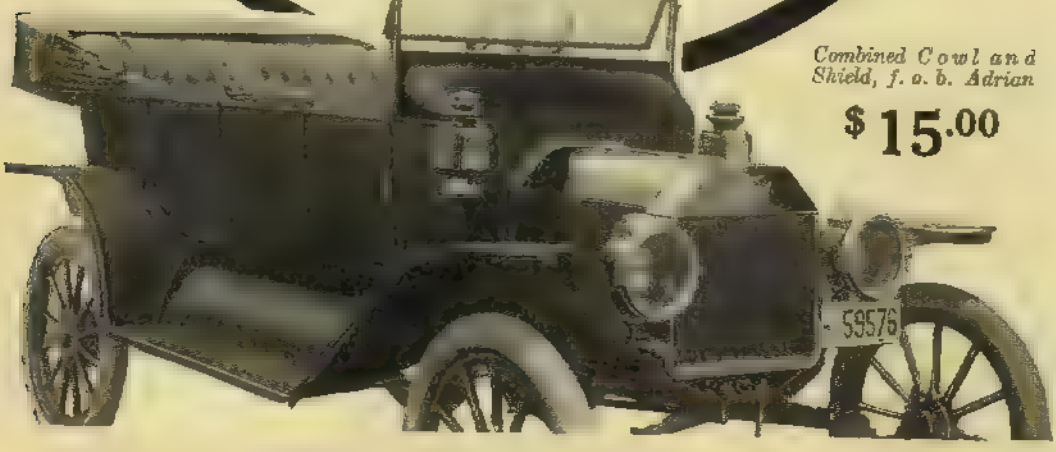
Windshield Dept.

Universal Windshield for 1915-1916 Cowl Dash Fords

Here is a high-class shield designed to replace the glass folding windshield furnished with new Ford cars. Has wide ventilating best plate glass used. Furnished complete with brackets, which fit exactly in place of old shield, making Universal Shield extremely easy to attach. Old shield left intact, and has appreciable market value

Universal Shield, complete with brackets, f. o. b. Adrian **$10**

We also make Commercial Cowl-Dash Shield, which makes all model Ford to 1917 delivery car Complete, f. o. b. Adrian **$20**



Combined Cowl and Shield, f. o. b. Adrian

$15.00

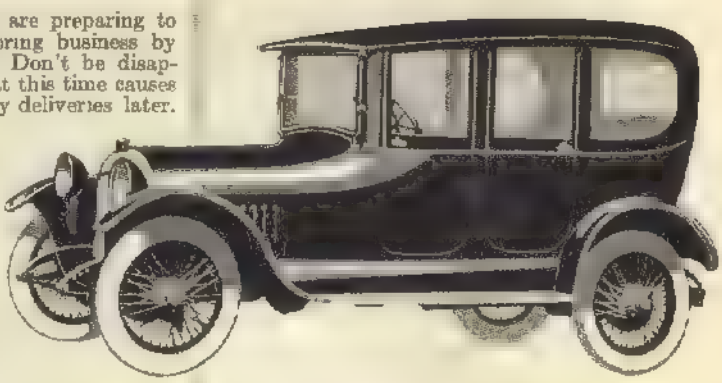
STUTZ
World's Champion
"By Right of Conquest"
THE same engineering ability, the same care in construction, and the same honesty of purpose and knowledge which made the Stutz World's Champion, will effect the stamina and quality of the Stutz stock car, because stamina and worth are inherent in all Stutz cars. Stutz cars hold these records:
World's Speedway Champion
World's Road-Race Champion
World's Long-Distance Records
250, 300 and 350 miles
World's Record for Consistency
4 consecutive firsts and seconds
Illustrated Literature on Request
Stutz Motor Car Co.
Indianapolis Indiana
Prices range from
$2000 to $2550

Preparedness

FAR-SIGHTED dealers are preparing to meet the rush of Spring business by placing orders now. Don't be disappointed if your hesitation at this time causes failure to secure satisfactory deliveries later.

Doubtless you are well advised of the unusual conditions that exist everywhere—the shortage of steel and other staple materials—with the prospect of a still greater run-up as the year grows older—and the vast shortage of freight cars.

We are amply protected against the situation—for the present at least. But preparedness both for the dealer and the man who wants to make sure of his car means ordering now.



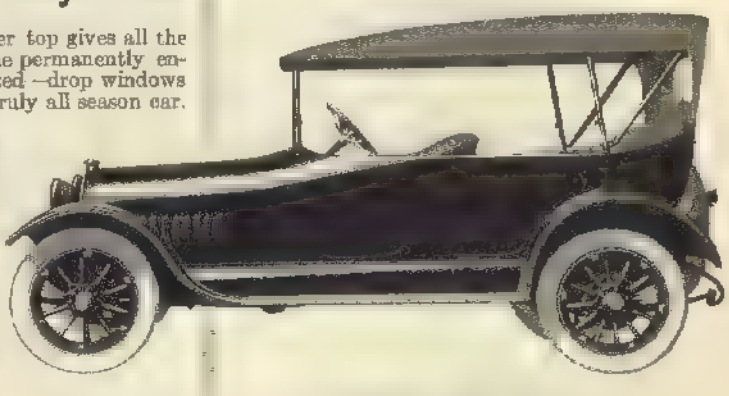
With Detachable Winter Top (Summer Top Included) **$1240**

Compare Velie Cars With Light Sixes at Any Price

The new detachable winter top gives all the comfort and luxury of the permanently enclosed type. Electric lighted—drop windows—whipcord trimmed. A truly all season car.

The new line of Velie Sixes includes Model 22 Touring Car, $1065 Moline, with detachable winter top, $1240, Roadster, $1045; Coupe, $1750. Tone up your car with wire wheels, $70 extra on any model.

Powerful, silent, supple running streamline bodies deeply upholstered in genuine leather, they set a new standard in light Six values. Write for catalog. Don't delay.



Velie Motor Vehicle Company

101 Velie Place **Moline, Illinois**

$1065

Velie Six

VICTOR TYPEWRITERS

¶ Represent the greatest improvement in the Writing Machine Industry since the advent of the Visible Typewriter.

¶ They will do better work and do it longer with less expense and less annoyance to you and your operators.

¶ We PROVED this to the Boston Board of Education in a two-year test in open ***competition*** with every ***standard*** typewriter. Proved it so thoroughly that they purchased a **thousand** (**1000**) Victors—the largest single order ever placed for new typewriters.

We can PROVE it to YOU

¶ We want you to see the VICTOR—compare it point for point—feature for feature—with any other typewriter. It will place you under no obligation. We are glad to show the VICTOR—we are proud of its appearance—its mechanical construction—its performance—and its reputation.

Victor Typewriter Company

812 Greenwich Street - - New York City

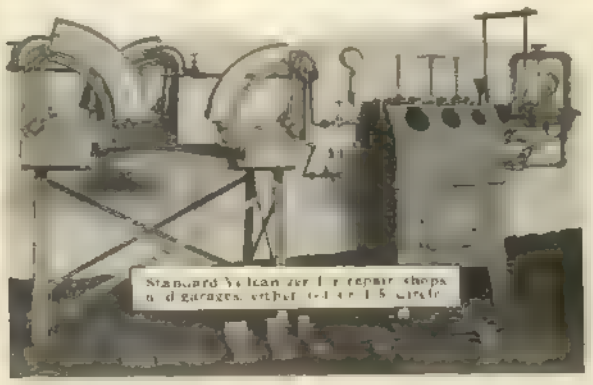
THE greatest opportunity that has ever been known to make money on a small investment is here today in the tire repair business. The demand is far greater than the supply, and the business is rapidly increasing. Profits are large, returns quick, and the business cash.

Start in the tire repair business now, while the starting is good—either as an additional department of an established auto supply or garage business or as a business by itself. The business is simple—easy. We teach you everything. Make more money than you ever made in your life before.

START RIGHT WITH THE

TIP-TOP OF AKRON TI-RE-PAIR OUTFIT

The "Tip-Top" Tire Repair Outfit is built by the Akron Rubber Mold & Machine Co., the largest makers of rubber tire molds and tire manufacturing equipment in the world. This tire repair outfit is endorsed and recommended by the largest tire manufacturers, and used by leading repair shops and garages.



Good returns are obtained from the tire repair business everywhere. **Best returns are obtained with the Tip-Top. You are sure of satisfaction, because it does better work and does it quicker.**

If you have been thinking of going into the tire repair business, don't hesitate longer, but write us now for complete details.

MAIL US THIS COUPON RIGHT NOW before you forget it. Don't delay. Get into the Tire Repairing Business now while the business is growing fast

THE AKRON RUBBER MOLD & MACH. CO.

955 SWEITZER AVE., AKRON, OHIO

Largest Builders of Tire Equipment in the World

$ MONEY $ MAKING COUPON $

RUSH Coupon for Full Particulars

THE AKRON RUBBER MOLD & MACHINE CO.

955 Sweitzer Ave., Akron, O.

Gentlemen:—Please send me full details of your proposition and information how I can get into the tire repair business.

Name

Address

DO BETTER WORK

at Less Expense with

WEAVER

Garage Equipment

WEAVER Auto Ambulance

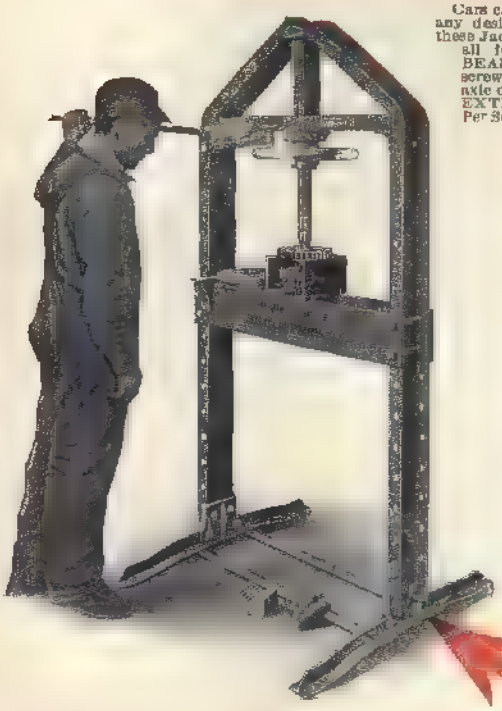
This simple, compact towing truck can be quickly applied to either front or rear axle of any car. It has a full range of adjustment to meet all conditions. ROLLER-BEARING CAST-STEEL WHEELS. 1¼ inch steel axle; Telescoping tongue; Weight 140 lbs. List Price, **$30.00**

WEAVER Auto Twin-Jacks

(Made in Two Sizes)

Cars can be handled in any desired manner on these Jacks even though all four wheels are dismounted. BALL AND ROLLER BEARING CASTERS AND LIFTING MECHANISM, safe screw hoist, enormous lifting leverage, will apply to either axle of the car.

EXTRA HEAVY Per Set (two) .. **$36.00** REGULAR TYPE Per Set (two) .. **$20.00**



WEAVER GARAGE PRESS

20-Ton Capacity

Install this Press and save the money you now pay out to other "machine" shops to do your difficult jobs.

Equip your shop to handle any class of work promptly, properly, and at a profit.

Your saving in time, labor and material thru this Press will pay for it in 30 days.

FOR AUTOMOBILE WORK

This press was designed to handle the problems of the auto repair man. It is wide enough to accept an auto wheel and can be adjusted to meet practically any requirement.

BUILT RIGHT

Leverage 1500 to 1, frame 74" high, made of one piece of heavy 5" Channel Steel, ball bearing wheel with Bronze thrust bearings. The Screw does not revolve. Width between frame 32" perpendicular adjustment 48" weight 425 lbs.

Net Price (Complete with Equipment) $48.00

Weaver Mfg. Co.

2169-79 S. 9th St.
Springfield
Illinois

Beat the High Price of Gasoline

Get More Mileage!

The price of gasoline has gone up—and its going **higher!** Maximum mileage is now doubly important! Beat the high price of gasoline by equipping your car with the New Stromberg—the Carburetor **that** has won unapproachable gasoline-economy records in official tests and in everyday driving on all makes of cars.

For power, for speed, for quick acceleration and dependability you cannot equal the New Stromberg.

Let us send you reports of these economy records. Let us show you how the New Stromberg will beat the high price of gasoline. Send name, model and year of your car to

Stromberg Motor Devices Co. Dept. L 64 E. 25th St., Chicago

New STROMBERG Does it!
CARBURETOR

We are prepared with an experienced organization backed by proper equipment to manufacture

"BRONSHELL"
BABBITT-LINED BEARING

for those whose requirements demand superior workmanship and promptness.

Allow us to quote you—now.

FEDERAL BRASS WORKS
360 Trombly Ave.
Detroit, Mich.

STANDARD
IGNITION, LIGHTING, STARTING CABLES

will give a degree of dependability to the electric circuits of your car which is in keeping with the balance of the equipment.

They are protected effectively against moisture, gasoline, oil and abrasion. A large variety of types and sizes is available for your choice.

Write for new Motor Cable Bulletin, samples and prices

STANDARD UNDERGROUND CABLE COMPANY
PITTSBURGH, PA.
NEW YORK PHILADELPHIA CHICAGO
BOSTON SAN FRANCISCO ST. LOUIS
FOR CANADA: STANDARD UNDERGROUND CABLE CO. OF CANADA, LIMITED, HAMILTON, ONT.

U.S.
BALL BEARINGS
U.S. MADE U.S. USED

Best for Replacements

Your most careful work is necessary in making repairs or replacements if you do not use the best materials. Use U. S. bearings that means the U. S. quality. They have been tried and proved in the most difficult situations and give a service that cannot be surpassed.

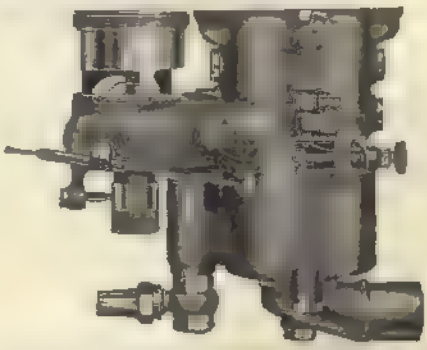
Use U. S. Ball Bearings and you'll find your business will grow because of the satisfaction they afford.

Write for our proposition to the trade

CONRAD PATENT LICENSES

U.S. BALL BEARING MFG. CO.
CHICAGO ILLINOIS

Different! Better!
WEBBER
Automatic Carburetor



When your customers get tired of fooling with inefficient carburetors and want one that is a real producer of results—sell them the WEBBER.

It will give more power from less gas, automatically provide the right mixture at all times and give the most efficient and economical carburetion it is possible to obtain. Ask us to tell you why and the details of our dealer's offer.

Webber Mfg. Co. 66-68 Stanhope St. BOSTON, MASS.

Here's a Great Seller!

STAUDE
Glare Stopper

The STAUDE [illegible] crystal glass [illegible] in diameter, with a nickel-plated [illegible] for attaching to windshield.

It protects the driver from [illegible] by the [illegible] reflecting and deflecting the strong rays to a soft glow which [illegible] the nerve-wearing way, enabling the driver to proceed always with safety.

Dealers everywhere [illegible] interested enough to [illegible] this device. Attractive in appearance, [illegible] in wear, stays in any position.

PRICE, $2.50 With [illegible] folders and dealers' discounts.

E. G. STAUDE MANUFACTURING CO.
2675 University Avenue, St. Paul, Minn.

No. 2 Western Tube Vulcanizer

MORE PROFIT with Less Come-Back

Steam generated in 20 min. 4 Tubes Vulcanized every 15 min.—or 16 per hour.

Price, complete with gas burner..... $30.00

With Gasoline burner and tank $31.50

f. o. b. Los Angeles, Cal.

Shipping Weight 100 lbs.

Write for information

C. E. SWAIN
860 N. Virgil Ave. Los Angeles, Cal.

When You Part With Your Money

in purchasing [illegible] accessory for stock are you positive about the profit [illegible] from your investment? Many a dealer has [illegible] buying [illegible] stock that was worse than useless in a sales way, too late to remedy the matter. Take your service and know the [illegible] of your trade before you enter this particular field.

The Reliable No. 32 Auto Jack

and for that matter the whole Reliable Line of Auto Jacks and Tire Savers, cannot lead you astray. They are priced [illegible] as to be [illegible] in case of the [illegible] of a single [illegible], yet they sell so fast that quick turnovers and the resulting multitude of small profits will agreeably surprise you.

ELITE MFG. COMPANY
ASHLAND OHIO

Piston-Ring Contractor or Compressor

Patents Pending

Showing compressor on a Pierce-Arrow cylinder.

Made in all sizes, for from 2" to 100" diameter pistons.

No. 2 size for Ford motors, 50c each, two required for every 4-cylinder motor.

Liberal discount to the trade.

MORGAN MFG. CO. BEACH ST. NEWPORT, R. I.

WINTON SIX

Most Beautiful Car And As Good As It Looks

MOST automobiles are mere utilities—like ferryboats. They are built to carry passengers: they lack the fine qualities that go to make life delightful—beautifully balanced proportions, pleasant color harmonies, smart leathers and fabrics, scrupulously correct finishing details, and thoro provision for bodily comfort. These essentials belong not to ferryboats, but to private yachts; not to ordinary automobiles, but to the personal cars of real individuals.

Declared at every 1916 motor show to be the most beautiful car in the world, the Winton Six is as splendid in its mechanical excellence as in its visible charm Its goodness is inbred. And, best of all, you can have on ***your*** Winton Six precisely the body you want, finished exactly as you most desire.

Because of our purposely limited output, the Winton Six is an exclusive car. For the same reason, we suggest that you let us have your personal specifications ***now***, so that we can make delivery to you on the very day you expect it.

TWO SIZES

33 - - - - - $2285
48 - - - - - $3500

Complete information on request.

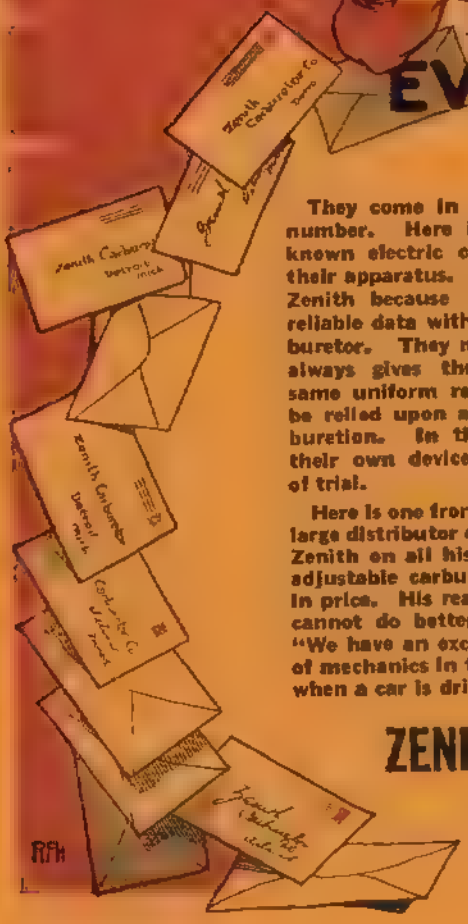
We submit individual designs on approval.

The Winton Company

417 Berea Road, Cleveland, Ohio

ZENITH

EVIDENCE



They come in the mail—many in number. Here is one from a well known electric concern testing out their apparatus. It is a request for a Zenith because they cannot secure reliable data with an adjustable carburetor. They must have one which always gives the same action—the same uniform results—one that can be relied upon as a standard of carburetion. In this way they check their own devices over long periods of trial.

Here is one from the south. He is a large distributor of cars and wants the Zenith on all his sales instead of an adjustable carburator which is lower in price. His reasons are typical—we cannot do better than quote them. "We have an exceptionally poor class of mechanics in the South today, and when a car is driven into a garage for oil or gas, some jack-leg mechanic wants to adjust the carburetor. It matters not whether the slight irregular action of the engine may be caused from carbon deposit, faulty ignition, etc., the very first thing the average mechanic wants to do is to get the carburetor out of adjustment. So, I say we need a 'fool-proof' carburetor—one that needs no adjustment."

And so they come. The Zenith is rapidly spreading the truth of extreme simplicity—of uniform results—of permanence in action. It is teaching in a thousand places the plain tube idea that carburetor adjustments are unnecessary and dangerous to a car's reputation. Many car builders of Europe and America are using the famous Zenith. They have examined the evidence and rendered a Zenith verdict.

ZENITH CARBURETOR COMPANY

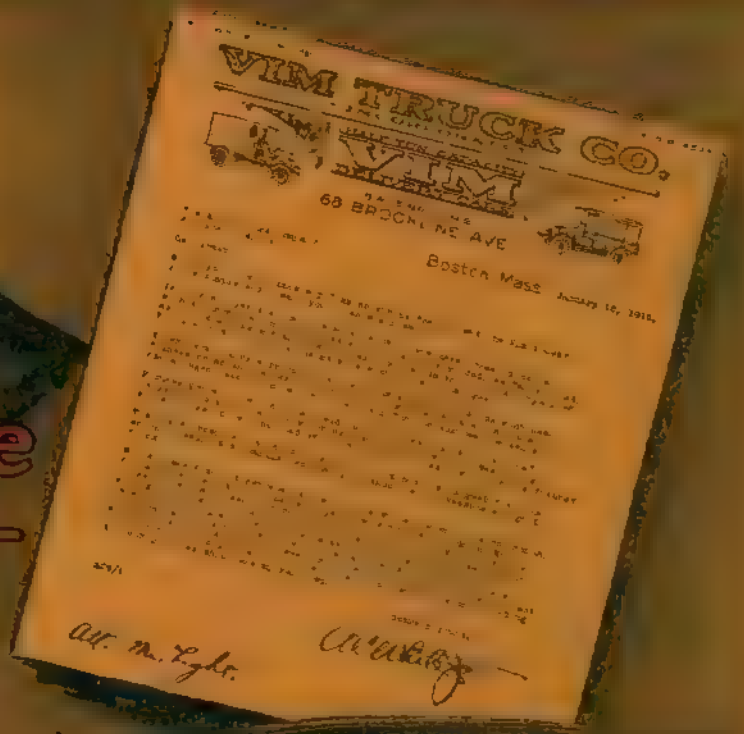
DETROIT, U. S. A.

HALF-TON CAPACITY

VIM

DELIVERY CARS

Mr. White Says—



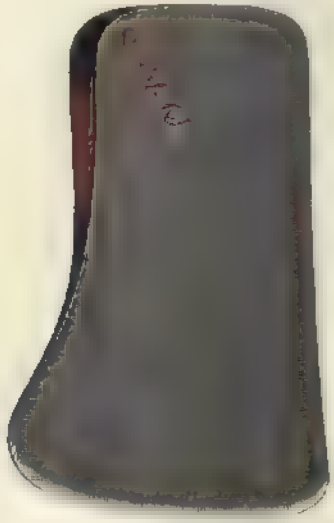
The Largest Exclusive Producers of Motor Trucks in the World.

If you are the responsible dealer who can keep up to the pace set by this organization—then write for dealer's applic-

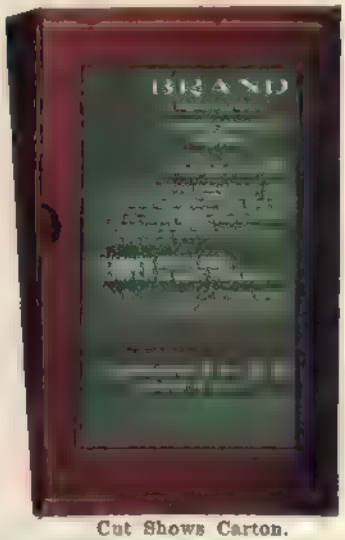
VIM MOTOR TRUCK CO.
PHILADELPHIA, U. S. A.

Single Bitted Axes.

A. A. & T. CO.'S



Michigan Pattern.



Cut Shows Carton.

A. A. & T. Co.'s—Soft Steel Poll, Punched Eye, Refined Crucible Steel Cutting Edge, Damascus Finish, Special Process Tempering, Carefully Inspected, Fully Warranted, Mann's Wisconsin and Michigan Pattern.

	WEIGHTS	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3⅝ Lbs.		$20.35
Group No. 2—Consisting of 3¼ to 4⅛ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.		20.90
Group No. 3—Consisting of 3⅝ to 4⅜ Lbs., 4 to 5 Lbs.		21.45

Average Weight Per Dozen About 60 Pounds
One in a Carton; One Dozen Cartons in a Box.

Double Bitted Axes.

A. A. & T. CO.'S

Wisconsin Pattern.

Michigan Pattern.

A. A. & T. Co.'s—Soft Steel Poll, Punches Eye, Refined Crucible Steel Cutting Edge, Damascus Finish, Special Process Tempering, Carefully Inspected, Fully Warranted, Wisconsin and Michigan Pattern.

	WEIGHTS	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3⅝ Lbs.		$27.00
Group No. 2—Consisting of 3¼ to 4⅛ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.		27.55
Group No. 3—Consisting of 3⅝ to 4⅜ Lbs., 4 to 5 Lbs.		28.10

Average Weight Per Dozen About 60 Pounds.
One in a Carton; One Dozen Cartons in a Box.

Single Bitted Axes.

SPLENDID

Wisconsin Pattern.

Michigan Pattern.

Splendid—Soft Steel Body, Silver Steel Bit, Polished and Honed, Black Nickel Finish, Deep Etching, Gold Filled, Wisconsin and Michigan Pattern.

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3⅝ Lbs	$17.05
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs	17.60
Group No. 3—Consisting of 3⅝ to 4⅝ Lbs., 4 to 5 Lbs	18 15

Average Weight Per Dozen About 60 Pounds

One Dozen in a Box

Double Bitted Axes.

SPLENDID

Wisconsin Pattern.

Michigan Pattern.

Splendid—Soft Steel Body, Silver Steel Bit, Polished and Honed, Black Nickel Finish, Deep Etching, Gold Filled, Wisconsin and Michigan Pattern

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3⅝ Lbs	$23.70
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs	24 25
Group No. 3—Consisting of 3⅝ to 4⅝ Lbs., 4 to 5 Lbs	24 80

Average Weight Per Dozen About 80 Pounds

One Dozen in a Box.

Single Bitted Axes.

BADGER STATE

Yankee Pattern.

Michigan Pattern.

Badger State—Cast Steel, Gold Bronzed, Polished Head. Yankee and Michigan Pattern

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	$13.35
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs	13 90
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	14.45

Average Weight Per Dozen About 60 Pounds.
One Dozen in a Box.

Double Bitted Axes.

BADGER STATE

Yankee Pattern.

Michigan Pattern.

Badger State—Cast Steel, Gold Bronzed, Yankee and Michigan Pattern.

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	$13 60
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs	15 60
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs	15 60

Average Weight Per Dozen About 60 Pounds.
One Dozen in a Box.

Single Bitted Axes.

KELLY'S HAND MADE

Wisconsin Pattern.

Kelly's Hand Made—Soft Steel Body, Highest Grade Crucible Steel Bit, Forged Poll, Natural Gas Tempered and Forged, Natural Blue Temper Color, Honed Cutting Edge, Wisconsin and Michigan Pattern

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	$14 80
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	15 35
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	15 90

Average Weight Per Dozen About 60 Pounds

One Dozen in a Box

Michigan Pattern.

Wedge, Aroostook Pattern.

Single Bitted Wedge Axes.

Wedge—Double Refined Iron Body, Extra Quality Tool Steel Inserted Bit, Solid Poll Punched from Double Refined Iron, Perfectly and Uniformly Tempered and Hardened, Ebonite Finish, Aroostook Pattern

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	$16 70
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	17 25

Average Weight Per Dozen About 60 Pounds

One Dozen in a Box.

Everkeen.

Peeling Axes.

—Double Refined Iron Body, Extra Quality Tool Steel Inserted Bit, Solid Poll, Punched from Double Refined Iron, Perfectly and Uniformly Tempered, Ebonite Finish

	Per Dozen
Weights Assorted 3½ to 4 Lbs.	$26 10

Average Weight Per Dozen About 60 Pounds.

One Dozen in a Box.

VULCAN

Vulcan—Soft Steel Body, Highest Grade Crucible Steel Bit, Hand Hammered, Natural Gas Tempered and Forged, Natural Black Finish, Honed Cutting Edge

	Per Dozen
Weights Assorted 3½ to 4 Lbs.	$25.00

Average Weight Per Dozen About 60 Pounds.

One Dozen in a Box.

Vulcan.

Single Bitted Axes.

DAVIES' CHAMPION

Yankee Pattern.

Michigan Pattern.

Davies' Champion—Soft Steel Body, Extra Quality Diamond Steel Cutting Edge, Black Japanned, Polished Head and Bits, Yankee and Michigan Pattern.

WEIGHTS

		Per Dozen
Group No. 1	Consisting of 3 to 4 Lbs, 3¼ to 3¾ Lbs	$14 80
Group No. 2	Consisting of 3¼ to 4¼ Lbs, 3½ to 4 Lbs, 3½ to 4½ Lbs.	15 35
Group No. 3	Consisting of 3¾ to 4¾ Lbs, 4 to 5 Lbs	15 90

Average Weight Per Dozen About 60 Pounds
One Dozen in a Box.

Double Bitted Axes.

DAVIES' CHAMPION

Yankee Pattern.

Michigan Pattern.

Davies' Champion—Soft Steel Body, Extra Quality Diamond Steel Cutting Edge, Black Japanned, Polished Head and Bit, Yankee and Michigan Pattern.

WEIGHTS

		Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs	$21.45
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs, 3½ to 4½ Lbs	22.00
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs	22.55

Average Weight Per Dozen About 60 Pounds
One Dozen in a Box.

Single Bitted Axes.

COLBY

Wisconsin Pattern.

Michigan Pattern.

Colby Forged from the Toughest Crucible Axe-Bit Steel, Refined and Finished by Hand Individually Tempered Silver Bronze Finish, Polished Head and Bit, Wisconsin and Michigan Pattern.

WEIGHTS	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs, 3¼ to 3¾ Lbs.	$15 35
Group No. 2—Consisting of 3¼ to 4¼ Lbs, 3½ to 4 Lbs, 3½ to 4½ Lbs.	15 90
Group No. 3—Consisting of 3¾ to 4¾ Lbs, 4 to 5 Lbs.	16.45

Average Weight Per Dozen About 60 Pounds
One Dozen in a Box.

Double Bitted Axes.

COLBY

Wisconsin Pattern.

Michigan Pattern.

Colby Forged from the Toughest Crucible Axe-Bit Steel, Refined and Finished by Hand, Individually Tempered, Silver Bronze Finish, Polished Bits, Wisconsin and Michigan Pattern.

WEIGHTS	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	$22 25
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs, 3½ to 4½ Lbs.	22 80
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs	23 35

Average Weight Per Dozen About 60 Pounds.
One Dozen in a Box.

Single Bitted Axes.

VULCAN

Wisconsin Pattern.

Michigan Pattern.

Vulcan—Soft Steel Body, Highest Grade Crucible Steel Bit, Hand Hammered, Natural Gas Tempered and Forged Natural Black Finish, Honed Cutting Edge, Wisconsin and Michigan Pattern

WEIGHTS

		Per Dozen
Group No. 1	Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	$14 80
Group No. 2	Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	15 35
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.		15 90

Average Weight Per Dozen About 60 Pounds
One Dozen in a Box

Double Bitted Axes.

VULCAN

Wisconsin Pattern

Michigan Pattern.

Vulcan—Soft Steel Body, Highest Grade Crucible Steel Bit, Hand Hammered, Natural Gas Tempered and Forged, Natural Black Finish, Honed Cutting Edge Wisconsin and Michigan Pattern

WEIGHTS

		Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.		$21.45
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.		22 00
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.		22.55

Average Weight Per Dozen About 60 Pounds
One Dozen in a Box.

Single Bitted Axes.

COLLINS' EBONITE

Wisconsin Pattern.

Michigan Pattern.

Collins' Ebonite—Double Refined Iron Body, Extra Quality Tool Steel Inserted Bit, Solid Poll, Punched from Double Refined Iron, Perfectly and Uniformly Tempered and Hardened, Ebonite Finish, Wisconsin and Michigan Pattern

	WEIGHTS	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.		$16.65
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.		17.20
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.		17.75

Average Weight Per Dozen About 60 Pounds.

One Dozen in a Box.

Double Bitted Axes.

COLLINS' EBONITE

Wisconsin Pattern.

Michigan Pattern.

Collins' Ebonite—Double Refined Iron Body, Extra Quality Tool Steel Inserted Bit, Solid Poll, Punched from Double Refined Iron, Perfectly and Uniformly Tempered and Hardened, Ebonite Finish, Wisconsin and Michigan Pattern

	WEIGHTS	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.		$23 35
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.		23.90
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.		24.45

Average Weight Per Dozen About 60 Pounds.

One Dozen in a Box.

Single Bitted Axes.

SAGER

Wisconsin Pattern.

Michigan Pattern.

Sager—Hand Forged Refined Silver Steel, Tempered by Sager Patent Chemical Process, Natural Blue Color Carefully Inspected and Tested, Wisconsin and Michigan Pattern

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	$16 65
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	17 20
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	17.75

Average Weight Per Dozen About 60 Pounds
One Dozen in a Box.

Double Bitted Axes.

SAGER

Wisconsin Pattern.

Michigan Pattern.

Sager—Hand Forged Refined Silver Steel, Tempered by Sager Patent Chemical Process, Natural Blue Color, Carefully Inspected and Tested, Wisconsin and Michigan Pattern.

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	$23 35
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	23 90
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	19.00

Average Weight Per Dozen About 60 Pounds
One Dozen in a Box.

Single Bitted Axes.

BLACK GIANT

Yankee Pattern.

Michigan Pattern.

Black Giant—Hand Made, Forged from the Toughest Axe-Bit Steel, Refined and Finished by Hand, Natural Steel Temper Color Finish, Yankee and Michigan Pattern

WEIGHTS — Per Dozen

Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	$16 65
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	17 20
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	17.75

Average Weight Per Dozen About 60 Pounds.

One Dozen in a Box.

Double Bitted Axes.

BLACK GIANT

Yankee Pattern.

Michigan Pattern.

Black Giant Hand Made, Forged from the Toughest Axe-Bit Steel, Refined and Finished by Hand, Natural Steel Temper Color Finish, Yankee and Michigan Pattern.

WEIGHTS — Per Dozen

Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	$24.45
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	25 00
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	25.55

Average Weight Per Dozen About 60 Pounds.

One Dozen in a Box.

UNIVERSAL

Coffee Percolators—Electric

X-Ray View Showing Operation.

No. E964	Nickel or Copper.	4 Cups.	$19.00
No. E966	Nickel or Copper.	6 Cups.	20.90
No. E966	Silver Plated.	6 Cups.	24.10
No. E969	Nickel or Copper.	9 Cups.	22.80
No. E969	Silver Plated.	9 Cups.	27.25

PATENTED VALVE AND PUMPING PROCESS

(Gives a Perfect Flow of Water Through the Tube)

which insures perfect coffee and is exclusive with Universal Coffee Percolators

UNIVERSAL

Chafing Dish—Electric

No. E920 Nickel or Copper, $30.40 Silver Plated, $38.00

EFFICIENCY—DURABILITY—ECONOMY

It Starts With a Starter

Goes Forward or Backward—Fast or Slow

The Caille Five-Speed Motor has no equal as a safer or performer. It will do everything that you can ask. It never has to be cranked if you never have to stop or reverse it to get various speed changes or back the boat. Every function is accomplished with but trifling effort—for instance, the

CAILLE 5 Speed DETROIT Motor

starts by simply pulling a little handle. Requires no more effort than lifting a few pounds. Does away with blistered hands and aching muscles. And there's no rapidly revolving handle to give you knocks and catch your clothing. It also

Has Five Speed Adjustments

(1 high speed forward (7 to 10 miles per hour) 4 trolling speed—neutral—slow and fast reverse. All speeds are accomplished by simply raising and lowering the steering handle. When set at neutral the boat stands still while motor remains running.

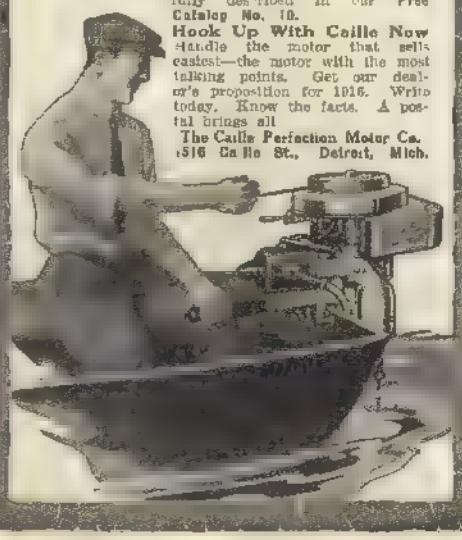
Other Caille Features

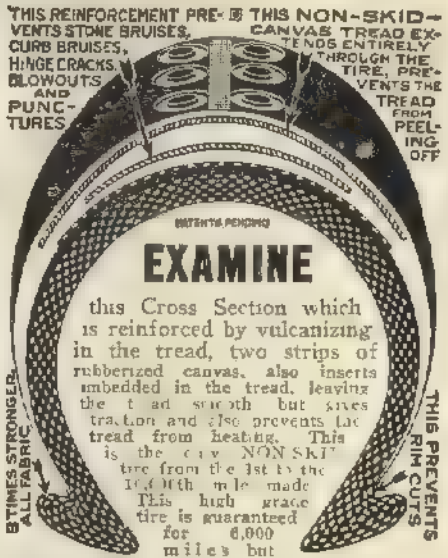
Include a high tension magneto in the flywheel; water-cooled silencer on exhaust; self-lubricating; speed propeller; water tight gear housing cushioned steering handle, and other features fully described in our Free Catalog No. 10.

Hook Up With Caille Now

Handle the motor that sells easiest—the motor with the most talking points. Get our dealer's proposition for 1916. Write today. Know the facts. A postal brings all

The Caille Perfection Motor Co.
516 Caille St., Detroit, Mich.



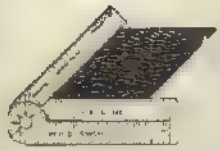

THIS REINFORCEMENT PREVENTS STONE BRUISES, CURB BRUISES, RIM CUTS, BLOWOUTS AND PUNCTURES
THIS NON-SKID—CANVAS TREAD EXTENDS ENTIRELY THROUGH THE TIRE, PREVENTS THE TREAD FROM PEELING OFF
PATENTS PENDING
EXAMINE
this Cross Section which is reinforced by vulcanizing in the tread, two strips of rubberized canvas, also inserts embedded in the tread, leaving the tread smooth but gives traction and also prevents the tread from heating. This is the only NON SKID tire from the 1st to the 10,000th mile made. This high grade tire is guaranteed for 6,000 miles but averages 10,000. It draws 25% easier than tires with KNOBS or chains, which is a big saving on GASOLINE. Free booklet telling many other advantages and agents proposition
8 TIMES STRONGER ALL FABRIC
THIS PREVENTS RIM CUTS

SMITH CANVAS TREAD TIRE CO.
69 Genesee St., Utica, N. Y.

NON ABSORBENT
Bread & Pastry Board
DOUGH WONT STICK

IDEAL SANITARY PASTRY BOARDS and White OPALITE Rolling Pins

Have a national reputation and Housewives are asking for them everywhere. Proven by test and time to be the most Perfect, Sanitary and lasting Baking Utensils ever produced. Sold by many Jobbers and from factory direct. Retailers profit 65 to 100%. A guaranteed seller. Write for prices.
IMPERIAL MANUFACTURING COMPANY, Cambridge, Ohio



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Patent Combination Rule

Made of SPRING GERMAN SILVER, accurately and distinctly graduated. Can be used as a Hook Rule, Caliper Gauge Protractor, Triangle or Tri-Square. ASK YOUR JOBBER

E. P JOHNSON RULE MFG. CO.
CHICAGO, U. S. A.

NATIONAL HARDWARE EXCHANGE

Conducted for the trade by the

HARDWARE DEALERS' MAGAZINE
at BROADWAY and MURRAY ST., NEW YORK CITY
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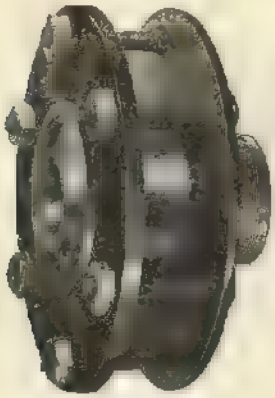
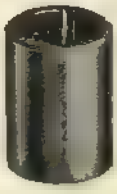
A Permanent Hardware Store Exhibit. Displays and Retailers' Help Service. Manufacturers Samples and Literature. **VISITORS ALWAYS WELCOMED.**





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REPAIR PARTS

FOR

FORD CARS

Hardware Dealers

in every state are selling this profitable line of

400 H-S PARTS

Each item of this line has behind it our

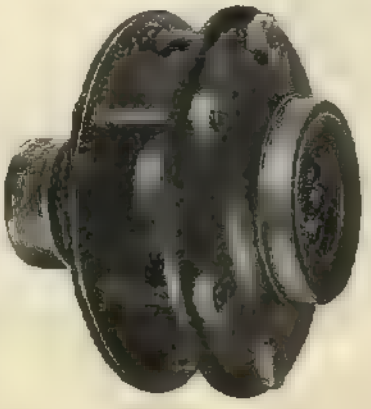
19 YEARS' EXPERIENCE

in the manufacture of motor car parts.

Send for the combination catalogue and price list.

There's Money in It for You

Hill-Smith Metal Goods Co.
88 Pearl St., Boston, Mass.



Canoes.

OUTSIDE CANVAS COVERED

Cedar Ribs and Planking, Ash Stems, Clear Grained Spruce Gunwales, Ash or Maple Thwarts and Seat Frames, Special Design Polished Brass Bang Plates, Clear Maple Decks, Colors Yale Blue, Harvard Red or Coach Green.

Yale, Standard Grade, Including Keel and Open Gunwale.

Each

Yale—16 ft. Long, 34 in. Wide at Rails Amidship, 33½ in. Wide at Bilge Amidship, 12 in. Deep Amidship $71.50

Weight Each, Crated, About 115 Pounds.

Harvard, Standard Grade, Including Keel and Open Gunwale.

Each

Harvard—16 ft. Long, 34 in. Wide at Rails Amidship, 33 in. Wide at Bilge Amidship, 12½ in. Deep Amidship $79.70

Weight Each, Crated About 125 Pounds

All Above Canoes are Shipped Direct from Factory, F. O. B. Salem, Ohio.

Canoe Paddles.

SINGLE

Beaver Tail Pattern.

Per Dozen

No. 15—Lengths 4½, 5 and 5½ ft., Extra Quality Selected Northern Fir, Hand Made $21 10

No. 17—Length 4½, 5 and 5½ ft. Selected New York Maple or White Spruce 26.65

DOUBLE

Copper Tipped.

Each

No. 25—Lengths 8½, 9, 9½ and 10 ft., Selected Quality Well Seasoned Spruce, Highly Finished, Nickel Plated Brass Ferrules $5.55

Boat Oars.

Best White Ash, Copper Tipped.

Per Foot

No. 1—Straight Blade, Length 6, 6½, 7, 7½, 8, 8½, 10 and 12 ft $0 20

No. 1—Straight Blade, Length 14 ft. ..... .44

Best White Ash, Plain Tip.

Per Foot

No. 2—Straight Blade, Length 6, 6½, 7, 7½, 8, 8½, 10 and 12 ft $0 17

Best Spruce, Copper Tipped.

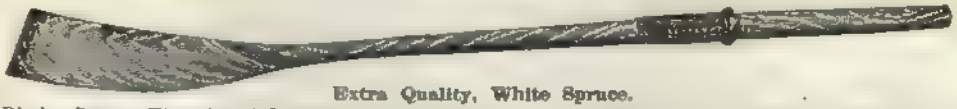
Per Foot

No. 11—Straight Blade, Not Leathered, Length 6, 6½, 7, 7½ and 8 ft. $0.21

No. 12—Straight Blade, Leathered, Oil Finished and Varnished, Length 6, 6½, 7, 7½ and 8 ft. ..... .40

Per Dozen

Extra Copper Tips Only—For 6, 6½, 7 and 7½ ft. Ash or Spruce Straight Blade Oars. $1 35



Extra Quality, White Spruce.

Per Foot

No. 10—Spoon Blade, Copper Tipped and Leathered, Oil Finished and Varnished, Light Weight, Lengths 6, 6½, 7, 7½ and 8 ft. $0 44

Oar Leathers.

Specially Prepared Oak Leather.

Per Dozen Sets

No. 7—6x6 in., with Tacks and Nails, Ready for Use...$7.25
One Set (for Two Oars) in Envelope.

Dirigo Folding Anchors.

Galvanized to Prevent Rusting.

Weight Each, Lbs.	8	10	12	16	20
Each	$3 00	3.90	4.45	5 55	7.25

Allen's Bow-Facing Oars.

With Gear.

Per Set

Allen's Bow-Facing Oars—Rowing Gear and Copper Tipped Spruce Blades, Complete, 7 or 8 ft., and Ready to Screw on Gunwale $13 35

By the use of these Oars and Gear, the Oarsman faces the direction he is going and rowing is made much easier

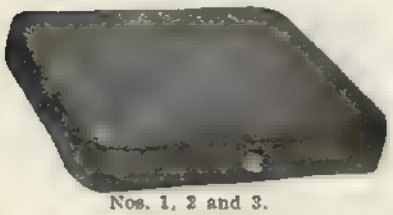
In Ordering, Mention Beam of Boat. Shipped from Factory, F. O. B. Monmouth, Ill.

Canoe or Boat Cushions.

Pneumatic, Whipcord Surface, Fitted with Life Lines.

Single Seat.	Each
No. 1—Size 12x14 in.	$6.70
No. 2—Size 12x16 in.	7 25
No. 3—Size 12x20 in.	7 80

Double Seat.	Each
No. 11—Seat 12x12 in., Back 12x12 in.	$12.75
No. 12—Seat 12x14 in., Back 12x20 in.	14.45
No. 13—Seat 12x15 in., Back 15x18 in.	16.10



Nos. 1, 2 and 3.

Nos. 11, 12 and 13.

Air Cushions.
(OR INVALID RINGS)

Best Quality Rubber. Red Color.

Nos.	22	24	26
Diam., Inches.	12	14	16
Each	$2.80	3.40	3.90

Boat Seats.

Folding.

	Per Dozen
No. 505—10½x11 in. Seat, 13 in High Back Selected Rod Steel Frame, Japanned, Brown Duck Seat and Back, Weight Each About 2 Lbs.	$24.00

Water Wings.

Learn to Swim by One Trial.
Porous Muslin Cloth, Web Bound.

	Per Dozen
No. 1—White	$4.45
No. 2—Colored	6.10

A Child or Grown Person can Learn to Swim by One Trial
Weight Per Dozen About ½ Pound

Oar or Row Locks.

Malleable Iron, Plain.

Nos.	862	863
Weight Per Pair, Lbs.	1¼	1½
Opening Between Horns, In.	2	2¼
Per Pound	$0.18	.18

Malleable Iron, Galvanized.

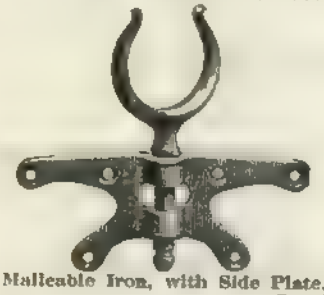
Nos.	1605	1607
Opening Between Horns, In.	2	2¼
Per Pair	$0 26	.38

North River Pattern, Malleable Iron, Plain.

	Per Pound
No. 863½—2 in Opening Between Horns, Wt Per Pair 1¾ Lbs.	$0 18

North River Pattern, Malleable Iron, Galvanized.

	Per Pair
No. 1865—2 in. Opening Between Horns	$0.34
Extra Galvanized Sockets Only—For No 1865 Oar Locks.	12



Malleable Iron, with Side Plate.

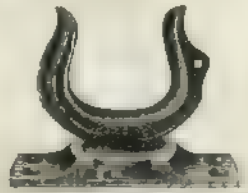
	Per Pair
No. 25—Plain, 1⅝ in. Opening Between Horns, for 6, 6½ and 7 ft. Oars Only	$0.45
No. 26—Galvanized 1⅝ in Opening Between Horns, for 6, 6½ and 7 ft. Oars Only	.50

Weight Per Pair About 2 Pounds

Malleable Iron, Galvanized.

Nos.	1	2
Inside Diam. Hole, Inches.	2¼	2½
Per Pair	$0.42	.56

Weight Per Pair About 1¾ Pounds

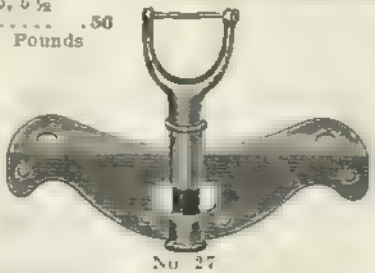


Malleable Iron, Galvanized, Swivel.

No.	1598
Opening Between Horns, Inches.	2
Per Pair	$0 90

Weight Per Pair About 1½ Pounds

No. 29.



No. 27

Plain Malleable.	Per Pair
No. 27—Angle Socket, with 2 in. North River Pattern Horn	$0 50
No. 28—Angle Sockets Only	.27
No. 29—Angle Socket with 1½ in. Between Horns by 2 in. Center, Open Horns	.50

Weight Per Pair About 1½ Pounds

Polished Brass.

	Per Pair
No. 481—2 in Opening Between Horns, with Fancy Side Plate and Chain	$2 80

Weight Per Pair About 1½ Pounds

CARLETON CANOES

The Carlton Model Canvas Covered Canoe is a reproduction from a birch bark canoe belong to the Penobscot or Tarratine tribe of Indians, having been on the market for more than twenty-five years.

Ribs and Planking—Selected cedar, free from unsound or shaky imperfections, planking is fastened to the ribs with copper tacks, solidly clinched.

Gunwales and Finish Rails—Are selected straight grained eastern spruce

Stems—Are shaped from white ash.

Seat Frames, Thwarts and Decks—From ash, birch and maple.

Bow Seats—Are dropped on 4 in. bolts. Bow and stern seats of cane detachable, and two thwarts, detachable, furnished with each canoe. Third thwart, in center, is removable in all canoes 17 ft. long and up.

Fastenings—Copper, brass, and galvanized iron.

Hardwood Keel—⅛ in. deep, runs entire length of canoe.

Finish—Special paint is used in filling the canvas, all pores being well filled.

Colors—Dark green (always in stock), dark red, light green, light red.

CARLETON OPEN GUNWALE CANOE, WITH KEEL

Length, Feet	**16**	**17**	**18**	**19**
Width, Inches	34	35	35 ½	36 ½
Depth, Inches	12	12 ½	13	13
Approximate Weight, Lbs.	65	70	75	80
Approximate Shipping Weight, Lbs.	100	115	120	130
Each	**$76 00**	**78.00**	**82 00**	**86.00**

CARLETON CANOE WITH SPONSONS

A craft which it is practically impossible to upset and which even though filled with water will easily support the weight of three or more people.

The Sponsons are long air chambers attached just below the gunwales on the outer sides and extending from bow to stern, they are not bulky or conspicuous.

Length, Feet		**16**	**17**	**18**
With Keel, Regular Gunwales	Each,	**$ 92 00**	**94 00**	**98 00**
With Keel, Open Gunwales	Each,	**100 00**	**102.00**	**106.00**

Note—Rowlocks may be added and the canoe used as a rowboat if desired

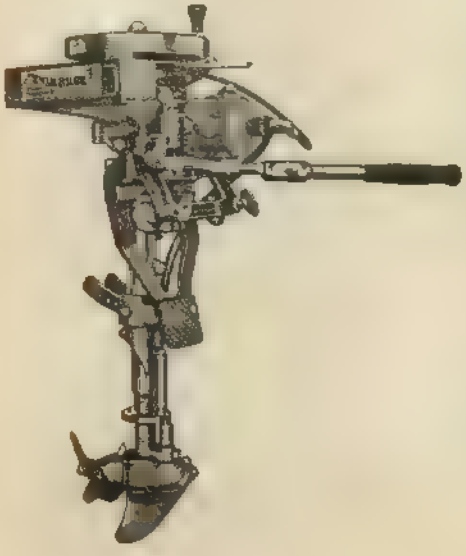
EXTRAS AND EQUIPMENTS FOR CARLETON CANOES

Single Paddles—Lengths 4½, 4¾, 5, 5¼, 5½, 5¾, 6 ft.

Double Paddles—Lengths 9, 9½, 10, 10½ ft.

Paddle—First Quality Spruce or Maple	$3 00	Outside Stems—Allow 8 Days	$ 4.00
Paddle—First Quality Spruce or Maple, 8 in. Blade	3 50	Hardwood Long Decks—Allow 8 Days	8 00
Paddle—Second Quality Spruce or Maple	2 00	Floor Racks	2 00
Copper Tip on Paddle	.40	Galvanized Iron Air Tanks for Bow and Stern	12 00
Paddle—Spruce, Double, with Joint	7.00	Gold Stripe, ½ in.	4.00
Rubber Drip Cups—Per Pair,	1.00	Gold Stripe, ½ in., Turned Down Ends	6.00
Setting Pole, with Iron Pick	3.00	Color Stripe, ½ to 4 in. Wide	4.00
Slat Back Rest—Spruce	1.50	Color Stripe, ½ in. to 4 in. Wide, Turned Down Ends	5 00
Slat Back Rest—Double Width, Spruce	2.00	Color Stripe, Edged with ⅛ in. Gold Lines	6 00
Slat Back Rest—Double Width, Mahogany	3 50	Names in Gold Letters, 2½ in.—Per Letter	24
Caned Back Rest—Hardwood Frame	3 00	Flag Pole—Mahogany	1 00
Caned Back Rest—Mahogany	4 00	Flag Pole Socket—Plush	.70
Slat Chair—Folding, Spruce	2 50	Flag Pole and Socket—Nickeled	1 80
Caned Chair—Folding, Hardwood Frame	5 00	Life Preserver Cushion—14x14 in.	3.00
Caned Chair—Folding, Mahogany Frame	7 00	Repair Outfit	2 00
Carrying Yoke	1 50	Color Coat for Refinishing One Canoe Outside	1.50
Painter Ring	70	Varnish Coat for Refinishing One Canoe Outside	1.00
Sailing Outfit		Varnish Coat for Refinishing One Canoe Inside	1.00

ROWBOAT MOTORS



EVINRUDE TWO-HORSE POWER, DETACHABLE

Easily attached to any rowboat or canoe; drop it over the stern-board and turn up thumbscrew with your fingers. There are no connections to make, no holes to be bored, no extra tools required.

Beautiful Enamel Finish, "Evinrude Gray" Enamel Baked on, Not Painted. Tank Capacity 8 Pints.

	Each
No. 2HP—Two Horse Power (One Cylinder Two Cycle) with Magneto, Evinrude Silencer and Automatic Reverse, Complete, Net Weight 70 Lbs., Boxed 130 Lbs.	$
No. 02HP—Same as Above, but without Automatic Reverse Net Weight 67¾ Lbs.	

Note—For installation in canoes, the above can be furnished with special bracket at same price.

The Little Evinrude will drive the ordinary rowboat faster than the usual launch engines of twice its power. Every bit of power developed in the cylinder is delivered at the propeller. The speed of 6 to 8 miles an hour has enabled **Evinrude** owners to carry away many prizes against boats of greater horse power.

The cost of operation is very slight, as a tank of gasoline and oil, mixed, lasts from three to four hours of steady running at full speed

GENERAL DESCRIPTION

Ignition The Evinrude Magneto Built In Fly Wheel Type is standard equipment on all **Evinrudes.** The magneto is built into, and made part of, the fly-wheel. The armature and all connections are waterproofed and insulated so that moisture or spray cannot affect the spark.

Electrical Connections—The high-tension cable leading from the armature to the spark plug, has a heavy coating of pure rubber Over the spark plug is fitted a removable hood to prevent any short circuit and also to protect the operator in the stern from shock

Speed Control—Right in front of the operator is the timer lever To speed up push it to the Right to slow down, shove it to the Left to stop dead press the little brass button at your finger's end. Everything within reach, simple and easily understood For a very slow trolling speed the **Evinrude** "Sure Catch" Trolley Attachment may be fitted to the propeller in a minute's time—or as quickly detached.

Gasoline Tank—Special care is exercised in the making of our gasoline tanks: the best 4X tin is used, all seams reinforced by an extra fold of metal and carefully soldered There is absolutely no danger of fire, in any case, as the gasoline would drop into the water and not into the boat

A sieve strainer at the bottom prevents dirt from getting down into the carburetor and a strainer plug easily removed, permits cleaning at any time.

Lubricating oil and gasoline are mixed together and placed in the tank -directions for mixing being stamped right on the tank With the filler-cap for the gasoline tank is combined a cup for the measurement of the correct quantity of lubrication.

Carburetor An efficient, little mixing valve which operates equally well at high or low speed, is used Once set, it requires no further adjustment as the gasoline flow is controlled from the shut-off valve It is economical of fuel and does not get out of order, unless abused. The valves are set after testing at the factory and if directions are followed, there's no chance for trouble.

Gear Housing—The housing for the driving gears is of bronze cast in one piece with the fin skeg which rides over snags and shallows, protecting the propeller and assisting in steering

Propeller Wheel—Just the right diameter and pitch to develop the full speed and power, hard enough to prevent bending when striking rocks and still not so brittle as to break a fluke.

Automatic Reverse—With the Automatic Reverse, the boat is under absolute control at all times Without stopping the motor, the change can be made from Forward to Reverse, or from Reverse to Forward, almost instantly. Turn the boat in its own length—go ahead—"back up"—maneuver at will, even in crowded quarters.

Mechanically speaking, the motor proper is not reversed The propeller sleeve hangs, figuratively, on a swivel A simple twist of the steering handle releases a dog, the propeller sleeve swings through a half circle, and is "pointed" in the opposite direction The natural reaction, or 'thrust' of the propeller against the water is utilized to swing it to its opposite direction automatically, where it is locked into place. This naturally changes the direction of rotation and the push of the propeller against the water exerts a backward thrust on the boat equal in force to that which was previously used in driving it forward

Professional Baby Doll Racks

No. HS501. Baby Doll Rack. After a test of several seasons during which we sold a great number of doll racks, we are pleased to state that from the point of construction and durability we do not think there is another doll rack quoted at as low a price that will give as much satisfaction. Besides being durable, it is also sightly, well constructed and readily put together. All the standards and crossbars are made of select lumber, bolted together and well braced. The dolls are clad in ludicrous gowns, each different, 6 in a row, 18 in all in 3 rows. The bodies are select wood hinged to the crossbars. Comical painted faces, genuine fur hair-trimmed heads. Striped duck back with front apron slide for balls of same material. Can be so arranged that balls after dropping over the apron can be conducted into a chute or trough and will roll to the front counter. The dolls are reset by rope controlled in front. The dolls are 3¼ in. thick at bottom, 13 in. high, height of rack in back 8 ft. 4 in., front 6 ft. 6 in., width 6 ft., depth 21 in. We challenge any one to beat this in quality or construction or price.
Each 20.00

This cut shows **No. HS501 Doll Rack** collapsed into a small bundle, being carried away. Five days are required to fill and ship doll rack orders.

BACK VIEW.

No. HS502. "Chicago Special" Doll Rack. The construction of this is the result of considerable scientific figuring. The doll must be hit in one certain spot before it can be knocked over. The illustration showing back view also shows the spot which is above the light line and the head on the wood part of the doll. If hit at that point the doll will go over; if hit anywhere else, it will not. The faces of the dolls are made of rubber, 7 in. in diameter, nicely painted and stained. The dolls are clad in ludicrous gowns, each doll has a different face. The whole assemblage presents a very comical appearance. The hair is attached to the rubber and is in various colors. Each row is equipped with lifts which reset dolls when knocked down by pulling rope at counter. This outfit is especially substantial and made purposely for a man on the road traveling around. Can be readily and easily taken down or set up in half an hour. The sides are arranged so as to make a carrying case when traveling, holding the complete equipment. It is fully guaranteed and indestructible. Size 7 ft. high, 7 ft. wide.
Price, Rack only, complete, each..... 32.50

Chicago Doll Rack Outfit

No. HS503. This outfit consists of 1 Chicago Special Doll Rack and 8 dozen especially durable Balls, 1000 good Cigars, seed filler, hand shaped (50 in box) and 500 packages "Our Special" Chewing Gum. This is an exceptionally good outfit; attractive and durable and will start you in a fascinating money-making business.
Price, complete outfit..... 47.50

G.W. HUNTLEY © CHICAGO

Fine Gold Filled Brooches

1863 1915

Prices Each

No. 3907..... $19.20
Fine real pink shell cameo, 4 fine brilliants. English finish

No. 3908..... $17.25
Fine real pink shell cameo, pierced border. English finish

No. 3909..... $16.75
Fine real pink shell cameo, engine turned and chased, colored gold border

No. 3910..... $17.25
Fine real pink shell cameo, 4 French pearls, green gold leaves. English finish

No. 3911..... $14.85
Fine real pink shell cameo, 4 French pearls, green gold leaves. English finish

No. 3912..... $12.50
Fine real pink shell cameo, pierced border. English finish

No. 3913..... $12.65
Fine real pink shell cameo, engine turned and chased, colored gold border

No. 3914..... $10.95
Fine real pink shell cameo, 4 French pearls, green gold leaves. English finish

No. 3915..... $9.00
Fine real pink shell cameo, engine turned and chased, colored gold border

No. 3916..... $6.15
Genuine carnelian shell cameo, polished

No. 3917..... $7.65
Fine real carnelian shell cameo. English finish hand chased mounting

No. 3918..... $11.50
Fine real Wedgewood cameo, dark blue color English finish, hand engraved and E. T. mounting. Safety catch

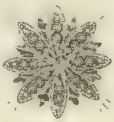
No. 3919..... $6.25
Real Wedgewood cameo, light blue color Roman finish, hand engraved mounting.

No. 3920..... $4.20
Real pink shell cameo hand chased, English finish mounting

No. 3921..... $4.00
Real pink shell cameo Roman finish E. T. mounting

No. 3922..... $4.00
Dark green gold finish imitation diamond and sapphire sets.

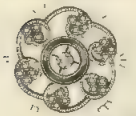
No. 3923..... $3.85
English finish, imitation seed pearls, strung on wire imitation coral rosebud.



No. 3924..... $3.85
Gold filled, Roman finish, polished gold front ornaments, fine brilliants.

No. 3925..... $3.85
English finish, imitation seed pearls strung on wire, imitation coral cameo.

No. 3926..... $3.45
Roman finish, green gold leaves, imitation seed pearls strung on wire imitation coral rosebud.



No. 3927..... $3.20
Gold filled, fine brilliants black enamel rope

No. 3928..... $3.20
Gold filled, Roman, 1 amethyst, 6 French pearls, 28 brilliants.

No. 3929..... $3.25
English finish, green gold leaves, imitation coral rosebud, black enamel border

No. 3930..... $3.25
English finish, green gold leaves, imitation coral rosebud

No. 3931..... $3.05
Roman finish, green gold leaves, blue enameled flowers, French pearl centers

No. 3932..... $3.15
Gold front, Roman and polished, 1 imitation ruby, 24 brilliants

No. 3933..... $3.25
English finish, green gold leaves, imitation polished jet, fine brilliant

No. 3934..... $3.15
Polished, green gold leaves, imitation onyx, fine brilliant

No. 3935..... $3.35
Polished, raised green gold leaves, ruby doublet center

No. 3936..... $3.15
English finish, imitation jet, fine French pearl

CARPENTERS' RIPPING BARS

Straight.

Per Dozen

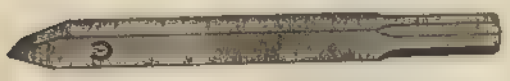
No. 1007—24 in. Long, ⅞ in. Octagon Forged Steel, Oil Finish, with Claw and Pinch Point. Weight Each 3 Lbs. $9 00

Goose Neck.

Per Dozen

No. 1021—24 in. Long, ⅞ in. Octagon Forged Steel, Oil Finish, with Claw and Pinch Point. Weight Each 3½ Lbs $9 00

CROW BARS



No. 1160—Wedge Point, Solid Forged Steel, Oil Finish.

Weight Each, Lbs. . .	4	6	8	10	12
Length, Feet.	2½	3½	3¾	4	4½
Square, Inches.	¾	⅞	1	1	1⅛
Each	$1.05	1.05	1.05	1.15	1.20

Weight Each, Lbs. . .	14	16	18	20	22	24
Length, Feet.	4⅝	4 11/12	5	5⅛	5 1/12	5⅜
Square, Inches.	1⅛	1¼	1¼	1⅜	1⅜	1
Each	$1.25	1.45	1.60	1.80	2.00	2.15

Weight Each, Lbs. . .	25	26	28	30	35	40
Length, Feet.	5¾	5⅝	5⅝	6	6⅛	6⅜
Square, Inches.	1½	1½	1⅝	1⅝	1⅝	1¾
Each	$2 25	2.35	2.50	2.70	3 15	3 60

No. 1161—Pinch Point, Solid Forged Steel, Oil Finish.

Weight Each, Lbs. . .	6	8	10	12
Length, Feet.	3½	3¾	4	4½
Square, Inches.	⅞	1	1	1⅛
Each	$1.05	1.05	1.15	1.20

Weight Each, Lbs. . .	14	16	18	20	22	24
Length, Feet.	4⅝	4 11/12	5	5⅛	5 1/12	5⅜
Square, Inches.	1⅛	1¼	1¼	1⅜	1⅜	1⅜
Each	$1.25	1.45	1.60	1.80	2.00	2.15

Weight Each, Lbs. . .	25	26	28	30	35	40
Length, Feet.	5¾	5⅝	5⅝	6	6⅛	6⅜
Square, Inches.	1½	1½	1⅝	1⅝	1⅝	1¾
Each	$2.25	2.35	2.50	2.70	3.15	3.60

LINING BARS

No. 1150—Solid Forged Steel, Oil Finish.

Weight Each, Lbs. . .	16	18	20	22	24	25
Length, Inches	59	60	64	67	69	69
Square, Inches	1¼	1¼	1⅜	1⅜	1⅜	1⅜
Each	$1.70	1.90	2.10	2.30	2.50	2.65

All Above, Open Stock.

TELEGRAPH DIGGING BARS

No. 1160C—Solid Forged Steel, Oil Finish.

Length, Feet	6	8	9
Size of Steel, Inches.	1⅛	1⅛	1⅛
Weight Each, Lbs.	20½	27½	31
Each	$3.10	4.15	4.65

RAILROAD CLAW BARS

Each

No. 1120—5 ft. 5 in. Long, Solid Forged Steel, Oil Finish, for ⅝ in. Spikes. Weight Each 30 Lbs. $4 50

GOOSENECK CLAW BARS

Each

No. 1130—5 ft. 3 in. Long, Solid Forged Steel, Oil Finish, Weight Each 25 Lbs. $4.90

TAMPING BARS

Each

No. 1140—5 ft. 8 in. Long, Solid Forged Steel, Oil Finish, ⅞ in. Diameter Handle, with 3½x¾ in. Tamping End, Weight Each 14 Lbs. $1.80

All Above, Open Stock.

RAILROAD PICKS

STANDARD

No. 33—Adze Eye, Soft Steel Body, Painted Black, Polished Cast Steel Points.

Weight Each, Lbs.	5 to 6	6 to 7	7 to 8	8 to 9
Weight Per Case, Lbs. .	155	180	205	230
Per Dozen	$14.00	15.00	16.00	18.00

Weight Each, Lbs.	6	7	8	9
Weight Per Case, Lbs. .	170	195	220	245
Per Dozen	$14.50	16 50	17 00	19.00

Two Dozen in a Case.

CONTRACTORS' PICKS

No. 43—Adze Eye, Round Best Tool Steel Points, Oil Finish.

Weight Each, Lbs.	6	7	8	9
Weight Per Case, Lbs. .	170	195	220	250
Per Dozen	$17.50	18.50	19.50	21.50

Two Dozen in a Case.

PICKS.

ORE

No. 39—Adze Eye, Cast Steel, Oil Finish.

Weight Each, Lbs	6 to 7
Weight Per Case, Lbs	180
Per Dozen	$15.00

Two Dozen in a Case

TAMPING

No. 38—Adze Eye, Extra Quality, Solid Cast Steel, Oil Finish.

Weight Each, Lbs	6 to 7
Weight Per Case, Lbs	180
Per Dozen	$18 00

Two Dozen in a Case

STONE

No. 50—Solid Cast Steel, Oil Finish.

Weight Each, Lbs	5 to 6	6 to 7	7 to 8	8 to 9
Weight Per Case, Lbs	155	180	205	230
Per Dozen	$16.50	17.50	18.50	19.50

Two Dozen in a Case.

QUARRY

No. 51—Solid Cast Steel, Oil Finish.

Weight Each, Lbs	5 to 6	6 to 7	7 to 8	8 to 9
Weight Per Case, Lbs	155	180	205	230
Per Dozen	$16 50	17.50	18 50	19.50

Two Dozen in a Case.

POLL

No. 48—Adze Eye, Solid Cast Steel, Oil Finish.

Size Nos.	1	2	3	4	5	6
Wt. Ea., Lbs.	3½	4	4½	5¼	6	6¾
Wt. Ca., Lbs.	100	110	125	135	165	175
Per Dozen	$15.00	16.00	17.00	18.50	20.00	21.50

Two Dozen in a Case

GRUB HOES

Western Pattern, Oval Eye, Cast Steel, Painted Black, Polished Bit.

Nos.	1	2	3
Size, Inches	10⅝x3⅝	11½x4	11½x4¼
Weight Each, Lbs	3½	4	4½
Weight Per Case, Lbs.	100	110	125
Per Dozen	$13.00	13.50	14 00

Two Dozen in a Case.

ASPHALT MATTOCKS OR CUTTERS

No. 15—Regular, Adze Eye, Solid Cast Steel, Oil Finish.

Weight Each, Lbs	9	12
Cutters, Inches	9x2¾	9x2¾
Weight Per Case, Lbs	241	314
Per Dozen	$25 00	30.00

Two Dozen in a Case

MATTOCKS

LONG CUTTER

No. 10—Adze Eye, Cast Steel, Painted Black, Polished Bits.

Weight Each, Lbs	5	6
Hoe, Inches	8¼x4	8½x4¼
Cutter, Inches	5⅝x3¼	6x3½
Weight Per Case, Lbs	140	165
Per Dozen	$16 00	17.00

Two Dozen in a Case.

SHORT CUTTER

No. 11—Adze Eye, Cast Steel, Painted Black, Polished Bits.

Weight Each, Lbs	5	5½
Hoe, Inches	8¼x4	8¼x4¼
Cutter, Inches	4¼x3¼	4½x3½
Weight Per Case, Lbs	140	165
Per Dozen	$16 00	16 30

Two Dozen in a Box.

PICK

No 12—Adze Eye, Cast Steel, Painted Black, Polished Pick and Cutter.

Weight Each, Lbs	5	6
Hoe, Inches	8¼x4	8½x4¼
Pick, Inches	8	8½
Weight Per Case, Lbs	140	165
Per Dozen	$16.00	17 00

Two Dozen in a Case.

RAILROAD PICK EYES

No. 60—Drawn Ready from the Steel.

Wt. Each, Lbs	4	4½	5	6	7	8
Per Dozen	$9 00	9.00	9.50	10 50	11.50	12 50

Open Stock.

VISES

CHAMPION

Champion Vises are made especially for the most particular tool users and are warranted against defects and breakage.

They are particularly desirable for jewelers, die makers and key filers.

High Grade Semi-Steel Front Jaw, Best Quality Gray Iron Back Jaw, Turned Bar Steel Screw with Lathe Cut Threads, Bright Red Enameled, Highly Polished Jaws, Screw, Slide and Anvil

Nos. 112 to 123 Clamp Base.

	Per Dozen
No. 112—1½ in. Jaws, Steel Front Jaw, Weight Each 1¼ Lbs.	$ 4.50
No. 113—1¾ in. Jaws, Steel Front Jaw, Weight Each 1¾ Lbs.	6.50
No. 114—2 in. Jaws, Steel Front Jaw, Weight Each 2¼ Lbs.	9 00
No. 115—2¼ in. Jaws, Steel Front Jaw, Weight Each 2¾ Lbs.	12.00
No. 116—2 in. Steel Jaws, Weight Each 2½ Lbs	15.00
No. 117—2 in. Jaws, Steel and Swivel Jaw, Weight Each 2¾ Lbs.	21.00
No. 118—2½ in. Jaws, Steel Front Jaw, Weight Each 3¾ Lbs.	18.00
No. 119—2½ in. Steel Jaws, Weight Each 3¾ Lbs.	24.00
No. 120—2½ in. Jaws, Steel Jaws and Swivel Jaw Weight Each 4 Lbs	30.00
No. 121—3 in. Jaws, Steel Front Jaw, Weight Each 6¾ Lbs.	24 00
No. 122—3 in. Steel Jaws, Weight Each 6¾ Lbs	30 00
No. 123—3 in. Jaws, Steel Jaws and Swivel Jaw, Weight Each 7 Lbs.	36 00

Nos. 112 to 120, Two in a Box; Balance One in a Box.

VICTOR JERSEY

Suitable for Jewelers and Makers of Small Tools.

Clamp Base, Japanned, Plain Iron Jaws.

Nos.	741	742	743	744	745	746
Jaws, Inches	1½	1¾	2	2¼	2½	3
Weight Each, Lbs.	3	3¼	3½	4	6	8¾
Each	80 70	90	1 60	1 25	1 50	2 00

One in a Paper Package.

ATHOL STANDARD JEWELERS' AND ARTISANS'

Solid Clamp Base, Smooth Faced Tempered Tool Steel Jaws.

A very desirable addition to the Auto Tool Kit.

Nos.	3	4	5
Jaws, Inches	1⅛	1⅝	2⅛
Jaws Open, Inches	1¼	1¾	2
Weight Each, Lbs.	1½	2¾	5¾
Each	$1.40	2.00	3.15

One in a Box.

Nos. 125 to 130 Swivel Base.

	Per Dozen
No. 125—2 in. Steel Jaws, Weight Each 3 Lbs.	$15 00
No. 126—2 in. Steel Jaws and Swivel Jaw, Weight Each 3 Lbs.	21.00
No. 127—2½ in. Steel Jaws, Weight Each 4¼ Lbs.	24.00
No. 128—2½ in. Steel Jaws and Swivel Jaw Weight Each 4¼ Lbs	30 00
No. 129—3 in. Steel Jaws, Weight Each 8 Lbs.	36 00
No. 130—3 in. Jaws Steel Jaws and Swivel Jaw, Weight Each 8¼ Lbs.	42.00

One in a Box.

YANKEE

Designed for Use on Bench Drills or Separately Attached to Bench.

Cast Iron Body and Sliding Jaw, Hardened Steel Faces.

For use in holding work to be machined. Accurately machined all over so it can be used on either side or end as well as on its base.

The sliding jaw extends through slot 1 in. wide in body of vise in one piece, fitted with two steel keys set in the same, thus securing a parallel movement, and so constructed as to cause very little wear.

Each

No. 993—Base 7¼ in. Long and 2⅝ in. Wide, Extreme Height 3 in., Jaws 2⅝ in. Wide and 1⅞ in. Deep, Jaws Open 3⅛ in., Complete with Hardened Steel Block with V Shaped Grooves of Various Sizes for Holding Round or Irregular Shaped Work in Drilling, Shaping, etc., Weight Each 9 Lbs. $4 70

One in a Fibre Box.

With Swivel Base.

This is the No. 993 Yankee Vise (described above) mounted on Swivel Base for use on bench, and its upper parts (No. 993) quickly detachable for use on Drill Press, Shaper, etc., and putting back again on Swivel Base.

Cut Showing Swivel Base.

The Swivel Base is easily and firmly locked or released in any position by short movement of lever at the side. Base is 4⅝ in. diameter and has grooved bottom to give level bearing on bench.

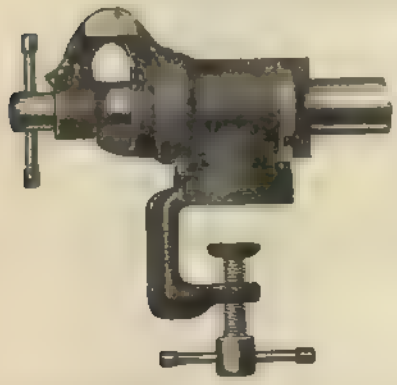
Each

No. 1993—Extreme Length Over All 8⅝ in., Extreme Height with Swivel Base 5⅝ in., Jaws 2⅝ in. Wide and 1⅞ in. Deep, Jaws Open 3⅛ in. Wide and 1⅞ in. Deep, Jaws Open 3⅛ in., Complete with Hardened Steel Block with V Shaped Grooves of Various Sizes for Holding Round or Irregular Shaped Work in Drilling Shaping, Etc., Weight Each 13½ Lbs. $7.00

One in a Fibre Box.

VISES

F. & R. AUTO AND MOTOR



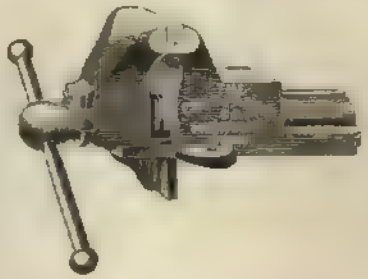
Swivel Base.

Cast Steel Faced and Tempered Jaws. Painted, Polished Finished Parts

A most convenient vise to clamp on the running board or garage bench

	Each
No. FR—Width of Jaws 2 in., Jaws Open 2 in., Weight Each 7½ Lbs.	$8.50

PARKER'S OVAL SLIDE



Stationary Base.

Inserted Steel Faces to Both Jaws. Top Ridges of Slide Fitting into Groove to Back Jaw Preventing Side Play when Slide is Extended

Nos.	30	31	32	34	35
Jaws, Inches	2⅝	3	3½	4	4¾
Jaws Open, Inches	3⅜	4	4	4	4¼
Weight Each, Lbs.	8½	13	19	28	35
Each	$2 50	3.00	4 25	6 50	9 50

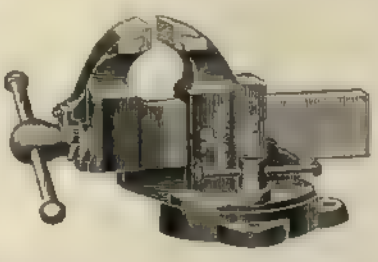
PARKER'S ECLIPSE

Stationary Base.

Renewable Polished Steel Faces, Milled and Fitted to the Jaws, Carefully Threaded Screw and Nut.

Nos.	102–3	103–3½	104–4
Jaws, Inches	3	3½	4
Jaws Open, Inches	4	5	6
Weight Each, Lbs.	23	35	43
Each	$6.00	7.00	8.50

Nos.	105–4½	106–5	107–6
Jaws, Inches	4½	5	6
Jaws Open, Inches	6½	7½	10
Weight Each, Lbs.	61	82	133
Each	$10 00	13 00	25.00



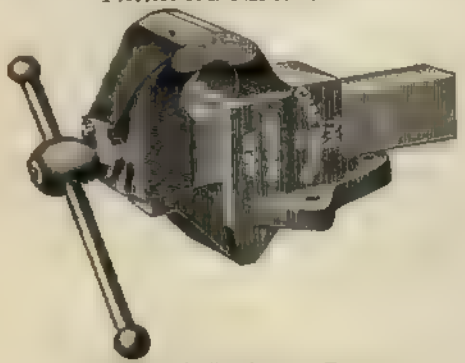
Swivel Base with Patent Tightening Stud.

Renewable Polished Steel Faces, Milled and Fitted to the Jaws, Carefully Threaded Screw and Nut.

Nos.	202–3	203–3½	204–4
Jaws, Inches	3	3½	4
Jaws Open, Inches	4	5	6
Weight Each, Lbs.	27	42	58
Each	$7 50	8 75	10 50

Nos.	205–4½	206–5	207–6
Jaws, Inches	4½	5	6
Jaws Open, Inches	6½	7½	10
Weight Each, Lbs.	76	104	158
Each	$12 50	16 00	30.00

PARKER'S IMPROVED



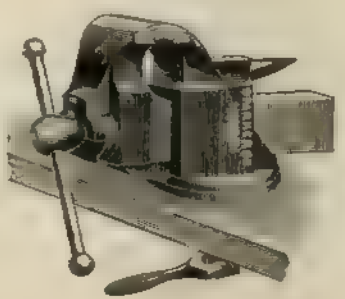
Semi-Steel, Stationary Base.

Renewable Polished Steel Faces, Milled and Fitted to the Jaws, Carefully Threaded Screw and Nut.

Nos.	3/0X	1X	2X
Jaws, Inches	3¼	3⅝	4¼
Jaws Open, Inches	4¼	5½	6½
Weight Each, Lbs.	29	45	58
Each	$6.25	7.00	9.00

Nos.	3X	4X	5X
Jaws, Inches	4⅜	5½	6¼
Jaws Open, Inches	8¼	9½	10½
Weight Each, Lbs.	76	112	150
Each	$11.75	16.25	24.00

PARKER'S IMPROVED



Semi-Steel, Cast Steel Anvil.

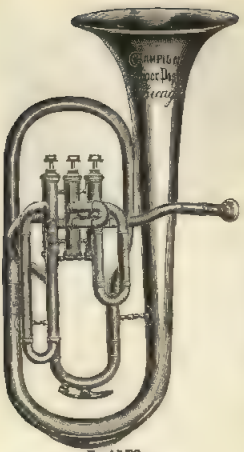
Swivel Base.

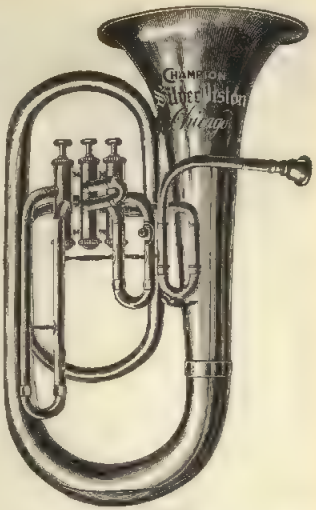
Renewable Polished Steel Faces, Milled and Fitted to the Jaws, Carefully Threaded Screw and Nut.

Nos.	19	20	21	22
Jaws, Inches	2	2¼	4	4¼
Jaws Open, Inches	2¼	2¼	4	4¼
Weight Each, Lbs.	8	8½	23	35
Each	$4.00	5.00	7.00	8.75

Fine Band Instruments

Light Action, Silver Piston, American model, valve tops and buttons, with water keys, music rack and German silver mouth piece.





E♭ ALTO.
High and Low Pitch.

No.		Each
4042	Brass	$ 53.10
4052	Brass, nickel plated	61.50
4042½	Brass, silver plated, satin finish	64.40
4052½	Brass, silver plated, burnished	115.60

SOLO E♭ ALTO.
High and Low Pitch.

4242	Brass	53.10
4252	Brass, nickel plated	61.50
4242½	Brass, silver plated satin finished	64.40
4252½	Brass, silver plated, burnished	115.60

B♭ TENOR.
High and Low Pitch.

4062	Brass	60.95
4072	Brass, nickel plated	71.40
4062½	Brass, silver plated, satin finish	97.40
4072½	Brass, silver plated, burnishe	126.05

TENOR IN C OR B♭.

4322	Brass	71.40
4332	Brass, nickel plated	81.80
4322½	Brass, silver plated satin finish	107.80
4332½	Brass silver plated burnished	136.50

CONCERT HORN OR MELLOPHONE IN F, WITH CROOKS TO E♭, D, AND C.
High and Low Pitch.

No.		Each
4362	Brass	$ 81.20
4372	Brass, nickel plated	88.90
4362½	Brass, silver plated, satin finish	120.30
4372½	Brass silver plated, finely burnished	142.75

B♭ BARITONE.
High and Low Pitch.

No.		Each
4082	Brass	$ 68.90
4092	Brass, nickel plated	80.90
4082½	Brass, silver plated, satin finish	110 50
4092½	Brass silver plated, burnished	141.75

B♭ BASS. High and Low Pitch.

4102	Brass	$ 90.00
4112	Brass, nickel plated	93.05
4102½	Brass, silver plated, satin finish	132.05
4112½	Brass, silver plated, burnished	168.30

E♭ BASS. High and Low Pitch.

4122	Brass	$110.75
4132	Brass, nickel plated	128.95
4122½	Brass, silver plated, satin finish	173 25
4132½	Brass, silver plated, burnished	220 10

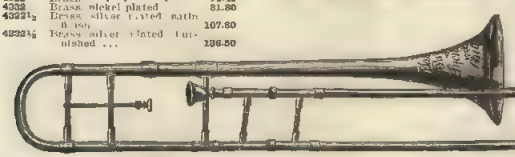
E♭ CONTRA BASS. High and Low Pitch.

4142	Brass	124.25
4152	Brass nickel plated	150.30
4142½	Brass, silver plated, satin finish	210.30
4152½	Brass, silver plated, burnished	267 20

E♭ HELICON BASS. High and Low Pitch.

4162	Brass	$163.30
4172	Brass, nickel plated	189.40
4162½	Brass, silver plated, satin finish	249.30
4172½	Brass, silver plated, burnished	288.40

Slide Trombone



With Water Keys, German Silver Mouthpieces and Music Racks.
HIGH TROMBONES.

E♭ ALTO HIGH AND LOW PITCH.

No.		Each
12632	E♭ Alto, brass	$41.45
12682	E♭ Alto, brass, nickel plated	49.35
12682½	E♭ Alto brass, silver plated, satin finish	66.20
12692½	E♭ Alto brass, silver plated, burnished	76.60

B♭ TENOR HIGH AND LOW PITCH.

12642	B♭ Tenor brass	$34.30
12652	B♭ Tenor, brass, nickel plated	42.60
12642½	B♭ Tenor brass, silver plated satin finish	58.95
12652½	B♭ Tenor brass silver plated, burnished	69.30

B♭ TENOR HIGH AND LOW PITCH.
Better Quality.

No.		Each
12662	B♭ Tenor brass	$41.45
12672	B♭ Tenor, brass, nickel plated	49.35
12662½	B♭ Tenor, brass, silver plated satin finish	66.20
12672½	B♭ Tenor brass, silver plated burnished	76.20

B♭ BARITONE HIGH AND LOW PITCH.

No.		Each
12702	B♭ Baritone, brass	$42.45
12712	B♭ Baritone, brass, nickel plated	49.35
12702½	B♭ Baritone brass silver plated, satin finish	66.20
12712½	B♭ Baritone brass silver plated, burnished	76.20

THE "IMPROVED" BRAD IDEAL
EXTRA QUALITY, HIGHLY ORNAMENTED.
With Figured Metal and Engraved Water Keys Music Racks and German Silver Mouthpieces

B♭ TENOR HIGH AND LOW PITCH.

No.		Each
14662	B♭ Tenor, brass	$62 62
14672	B♭ Tenor, brass, nickel plated	71.45
14662½	B♭ Tenor brass, silver plated satin finish	88.40
14672½	B♭ Tenor brass, silver plated burnished	98.75
14673¾	B♭ Tenor brass silver plated burnished gold plated bell and tips, very rich	120.95

E♭ ALTO TROMBONE.
High and Low Pitch.

No.		Each
4222	Brass	$ 52.95
4232	Brass, nickel plated	61.25
4232½	Brass, silver plated, satin finish	84 20
4232½	Brass, silver plated, burnished	115 44

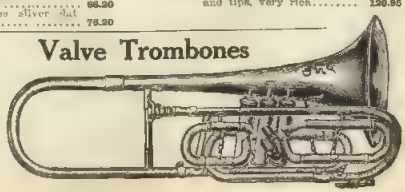
B♭ TENOR TROMBONE. High and Low Pitch.

4202	Brass	$ 62.60
4212	Brass, nickel plated	73.00
4202½	Brass, silver plated, satin finish	99.05
4212½	Brass, silver plated, burnished	127.70

B♭ BARITONE TROMBONE. High and Low Pitch.

4262	Brass	$ 68.90
4272	Brass, nickel plated	80.55
4262½	Brass, silver plated, satin finish	110.50
4272½	Brass silver plated burnished	141.75

Valve Trombones



Drums

BAND DRUMS—PRUSSIAN PATTERN.

Maple Hoops Ebonized or Imitation Rosewood Finish. Waterproof Snares. White Metal Plated Rods and Trimmings, Fine Finished Rosewood Sticks.

No.		Each
1062½	14-inch maple shell, 6 inches high, 7 rods, 6 waterproof snares, 1 calfskin head	$21.00
1102	15-inch maple shell, 6 inches high, 7 nickel plated rods, 8 snares, 2 calfskin heads	24.50
2152	16-inch maple shell, 6 inches high, 8 rods, 8 waterproof snares, 2 calfskin heads	24.50
1152	16-inch maple shell, 6 inches high, 8 rods, 8 waterproof snares, 2 calfskin heads	25.35
5152	16-inch brass shell, 6 inches high, 8 rods, 8 waterproof snares, 2 calfskin heads	24.50
6152	15-inch brass shell, same plated same description as No. 5152	24.95
7152	16-inch white metal polished shell, 6 inches high, 7 rods, 8 waterproof snares, strainer and knee rest, 1 calfskin and 1 sheepskin head, maple hoops natural finish	32.00
7162	Same as No. 7152, but shell 7 inches high	33.00

PRUSSIAN PATTERN BASS DRUMS.

Hoops and Flesh Hoops Perfectly Fitted.

Maple Hoops with Decalcomanie Ornamentation, White Metal Plated Trimmings,
WITH CHAMOIS SKIN HEAD STICK

Bird's-Eye Maple Shell, No.	Mahogany Shell, No.		Each
13182	33182	24-inch shell, 9½ inches high, 8 rods, 2 calfskin heads	$40.85
13182½	33182½	24-inch shell, same description as above, with 1 calfskin and 1 sheepskin head	37.50
13252	33252	26-inch shell, 9½ inches high, 10 rods, 2 calfskin heads	43.75
13252½	33252½	26-inch shell same description as above, with 1 calfskin and 1 sheepskin head	40.00
13382	33382	28-inch shell, 9½ inches high, 11 rods, 2 calfskin heads	47.10
13382½	33382½	28-inch shell, same description as above, with 1 calfskin and 1 sheepskin head	42.80
13452	33452	30-inch shell, 9½ inches high, 12 rods, calfskin heads	52.70
13452½	33452½	30-inch shell, same description as above, with 1 calfskin and 1 sheepskin head	47.90
13582	33582	32-inch shell, 9½ inches high, 13 rods, 2 calfskin heads	58.15
13582½	33582½	32-inch shell same description as above, with 1 calfskin and 1 sheepskin head	52.70
13662	33662	34-inch shell, 9½ inches high, 14 rods, 2 calfskin heads	62.35
13752	33752	36-inch shell, 9½ inches high, 15 rods, 2 calfskin heads	70.85

NEW DEPARTURE ORCHESTRA DRUM.

New Style New Departure Rods. Double Acting Folding Knee Rest on 10-inch Drums. Hoops Finely Varnished. Hand Rubbed Finish. All Parts Perfectly Fitted. Shells will not warp.

No.		Each
2092	14-inch maple shell 3 inches high, rosewood finished hoops, finely varnished throughout, 10 nickel plated N. D. rods and trimmings, 8 silk waterproof snares, porpoise heads, for orchestra use	$29.75
01112	16-inch maple shell 4 inches high, hoops made from figured woods fine varnish finish, 12 rods nickel plated hooks and trimmings 8 waterproof snares, 2 calfskin heads	28.50
06122	16-inch, nickel plated shell, 4 inches high, hoops made of contrasting woods fine varnish finish 12 nickel plated rods, nickel plated hooks and trimmings 8 waterproof snares 2 calfskin heads	30.65

PROFESSIONAL MODEL ORCHESTRA DRUMS.

Fitted with "New Pattern" Thumb Rods. Professional Model, Rosewood Sticks.

No.		Each
01182	14-inch maple shell, 3 inches high, 8 new pattern thumb rods, 8 waterproof snares, 2 calf heads	$30.25
07782	15 inch maple shell, 4 inches high, 10 new pattern thumb rods, 8 waterproof snares, 2 calf heads	32.90
02182	14-inch maple shell, 3 inches high, maple hoops, natural color, 10 N. P. L. & H. thumb rods, 12 silk waterproof snares, 2 calfskin heads	34.50
03182	16 inch maple shell, 3 inches high maple hoops natural color 10 N. P. L. & H. thumb rods, 12 silk waterproof snares, 2 calfskin heads	37.45
03082	14-inch walnut shell, 3 inches high hand polished dull finish, walnut veneered hoops, 14 N. P. L. & H. thumb rods, 12 waterproof silk snares, porpoise heads	39.90
03182	16-inch mahogany shell, 3 inches high, maple hoops, natural color 16 N. P. L. & H. thumb rods, hand polished 12 silk waterproof snares, porpoise heads	42.85
04182	16-inch rosewood shell, 3 inches high, same as 03182	49.10
07682	16-inch oak shell, 3 inches high, oak veneer hoops, 12 L. & H. thumb rods, nickel plated, hand polished, 12 silk waterproof snares, porpoise heads	48.05
06182	16-inch walnut shell 4 inches high, walnut veneer hoops, 12 N. P. L. & H. thumb rods, hand polished, 12 silk waterproof snares, porpoise heads	45.95
01682	14-inch solid maple shell, 3 inches high, maple hoops, natural color 14 L. & H. Thumb rods, nickel plated, hand polished, 12 silk waterproof snares, porpoise heads	48.95
04682	14-inch solid rosewood shell, 3 inches high, same as 01682	47.00
		49.05

REGULATION PATTERN SNARE DRUMS.

With new pattern snare strainer 2 calfskin heads and maple hoops, ebonized or rosewood finish, rosewood sticks included.

No.		Each
182	16-inch bird's-eye maple shell, 6 inches high, cord hooks 12 braces 8 snares	$28.85
162	16-inch bird's-eye maple shell, 6½ inches high, cord hooks, 8 braces, 8 snares	27.25
442	16 inch rosewood shell, otherwise same as No. 142	22.85

DRUM CASES AND BAGS.

No.		Each
702	Brown canvas, patent telescopic pattern, to fit any size snare drum	$7.45
762	Black keratol, imitation seal grain, waterproof, patent telescopic pattern, to fit any size snare drum	15.40
802	Stuff canvas, leather cloth bound, fleeced flannel lined with outside pocket for sticks and music, to fit any size snare drum	9.15
822	Same as No. 802, but without pocket	7.45
602	Suit case pattern, sides and ends made of wood, keratol covered brass lock and trimmings for 14, 15 and 16-inch drums, 3 or 4 inches high	19.55

Mention size and style of drum when ordering

No.		Each
902	Black sole leather, embossed, fleeced flannel lined, to fit any size snare drum	$5.85
912	Waterproof mackintosh bag for 16-inch regulation pattern drum	6.00
932	Waterproof mackintosh bag, for 18-inch monarch drum	7.05
942	Black, goatskin, calf finish, patent glove fasteners, to fit a drum 18x8 inches	10.15
832	Waterproof mackintosh bag, with leather straps and buckles, to fit 22-inch bass drum	13.50

NOTE.—No. 957 can be made up in special sizes. Write for prices

Dependable Spark Plugs

H' 'E is the official
e Automobile C

One million four hundred thousand cars.

Of these, over a million will be Fords, Overlands, Studebakers and Maxwells, equipped with Champion Dependable Spark Plugs.

The manufacturers of *one hundred other cars* will equip this year *exclusively* with Champions.

Their production will exceed 120,000 cars.

So of all the automobiles produced this year it is apparent that more than four out of five will be dependably equipped—with Champions.

Champions have been ed by one hundred and more
t pions designed f ve t ave shown that
Remember *their* co *the best results*
of plugs

Champion Spark Plug Company, 2105 Avondale Avenue, Toledo, Ohio

Dolls and Dogs

The styles that appeal, sell big and increase your profits. We carry the best line of popular dolls and our prices are right

No. N3998. Yama Doll, composition hands and head with well formed tinted and painted features, stuffed body dressed in typical clown costume with three pompoms in front in a contrasting color. Complete with frill collar and cap. Height 30 in.; 3 dozen in case. Per dozen..... 12.00

No. N3971. As above, 25 inches. Per dozen..... 9.00

No. N3995. Baseball Doll, composition hands and head with well formed, tinted and painted features, well formed and stuffed body. Height 30 inches. Dressed in typical baseball costume with cutout letters. Assorted colors, suits of bright colors, also with letters "A. L." and "N. L." A big showy doll and one that will meet with approval and enjoy an enormous sale. Packed 3 dozen in a case Per dozen..... 12.00

No. N3900. As above, height 25 inches. Per dozen..... 9.00

No. N3976. Phunny Phellow Doll, composition hands and head with tinted and painted features, fully dressed, black and white checked trousers, black coat with red facings, collar and red four-in-hand tie, black felt hat. Extremely popular. Height 30 inches. 3 dozen in case. Per dozen..... 12.50

No. N3997. Uncle Sam Doll, composition hands and head with well painted and tinted expressive features, well proportioned, height 30 in. Dressed in National colors, blue jacket with white stars, white vest, red and white striped shirt and trousers, black satin bow tie, white shoes, grey felt hat with silk tricolored flag ribbon band. A doll that is sure to meet with great favor and will be the biggest seller of the season. Packed in cases of 2½ dozen. Per dozen..... 12.50

No. N3966. St. Bernard Dog. Made of fine long pile bear cloth in brown and white, elegantly proportioned, with bushy tail and well defined features, glass bead eyes, leather collar with nickel studs and buckle. Height 13½ in., length about 22 in., well stuffed and elegantly proportioned. The finest appearing and best made article of its kind on the market. Per dozen..... 15.00

No. N3993. Innovation Doll, weighs less than 3¼ pounds, height 25 inches, jointed head, arms and legs, made of composition, practically indestructible. Fine tinted features. A big showy doll. Packed 3 dozen in case. Per dozen... 16.00

Teddy Bears, Dogs etc.

Latest Styles Best Sellers

Teddy Bears. Full plump body and limbs, well shaped head, bright glass eyes, nose and mouth sharply defined by heavy black yarn, real bear features, head and face well shaped and expressive. Body and limbs stuffed tight. Paws faced with skin colored felt; the entire body covered with a fine grade of brush pile bear cloth, giving a heavy shaggy bear appearance. Unusually full and naturally fashioned movable legs. First-class workmanship and general finish. Exceptional values at prices quoted and we guarantee them not undersold in any market.

No.	Color	Size	Dozen
N3850.	Cinnamon	12 in.	4.25
N3851.	Cinnamon	20 in.	9.50
N3852.	Cinnamon	25 in.	12.50
N3853.	White	25 in.	12.50

French Poodle Dogs, well proportioned, full fashioned bodies, made of brushed fleece white Canton flannel, plump, stuffed, face, nose and mouth defined by black yarn, natural colored glass eyes, heavy mane of silky white fur of extra quality, thick and long, tail fur trimmed, silk ribbon bow with tassels.

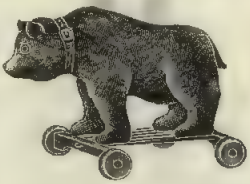
No. N3860. 7½ in. high, 8½ in. long
Gross..... 23.00 | Dozen..... 2.00

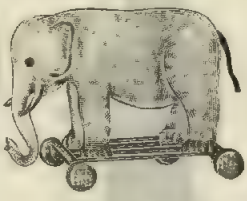
No. N3861. 10 in. high, 11¾ in. long
Gross ..... 45.00 | Dozen..... 4.00

No. N3862. 12 in. high, 14 in. long.
Gross. . . 55.00 | Dozen..... 4.75

French Poodle Auto Dog, made of white fleece Canton flannel, well formed, stuffed, nose and mouth defined by black yarn, natural colored glass eyes. Covered with a thick heavy coat of white silky, drooping, kinky Angora, bright colored silk ribbon bow, both ends tipped with floss rosettes.

No. N3904. 10 in. high, 12 in. long. Dozen..... 7.50



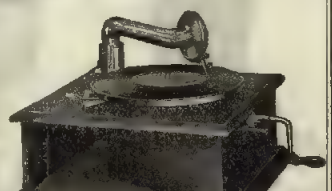


No. N3908. Mounted Elephant, perfectly proportioned figure, well stuffed, made of good quality bear cloth in gray color, glass bead eyes, with tusks of white felt, length 11 inches, height 9½ inches. Securely mounted on base with 4 wheels, well finished and varnished, with copper axels. Extremely well made and very serviceable.
Per dozen 12.00

No. N3909. Mounted Bear. A perfect figure of bear made of fine quality bear cloth in brown color, well stuffed in perfect proportion, with glass eyes, nose and mouth defined with black yarn. Leather collar with nickel plated buckle. Securely mounted on base with 4 wheels, well finished and varnished with copper axels. Length 16 in., width 12½ inches. Extremely well made and very serviceable
Per dozen 17.50

A Special Bargain in a Fine Hornless Talking Machine

Will Play any Make or Size Record — It Gives the Same Clear Sweet Tone as the Higher Priced Machines



No. N9950. The Ideal Hornless Talking Machine, rich mahogany finish cabinet, size of base 12x12 inches, double spring motor which can be wound while playing. Will play two to three 10-inch records with one winding. 8-inch turn table, nickeled edge, with a lever to stop turn table when record has been played. Fitted with speed regulator which enables you to play the record in the correct time. Large concert size reproducer which produces a full clear tone. The sound box is well constructed and produces a very rich tone. Tone arm and all exposed metal parts highly nickel plated and polished. In appearance this machine is equal to any of the much higher priced talking machines and will give first class service. Records of any make or size can be played with perfectly satisfactory results. Each..... 4.50

CHATILLON'S

Ice Scales and Ice Tools

Here comes the ice man. He is a mighty good person to be on the right side of, for he needs ice scales and a multitude of tools.

The Chatillon's line are particularly good scale values. Large and plainly marked dials read at a glance. Malleable iron cases, black japanned and ornamented. Each scale is packed in an individual paper box.

Chatillon Ice Axes, Ice Saws, Ice Tongs, and other ice tools are the sort that you can fully recommend. Then there is our full line of cutlery—Foster Bros. Brand for both butcher shop and house use.

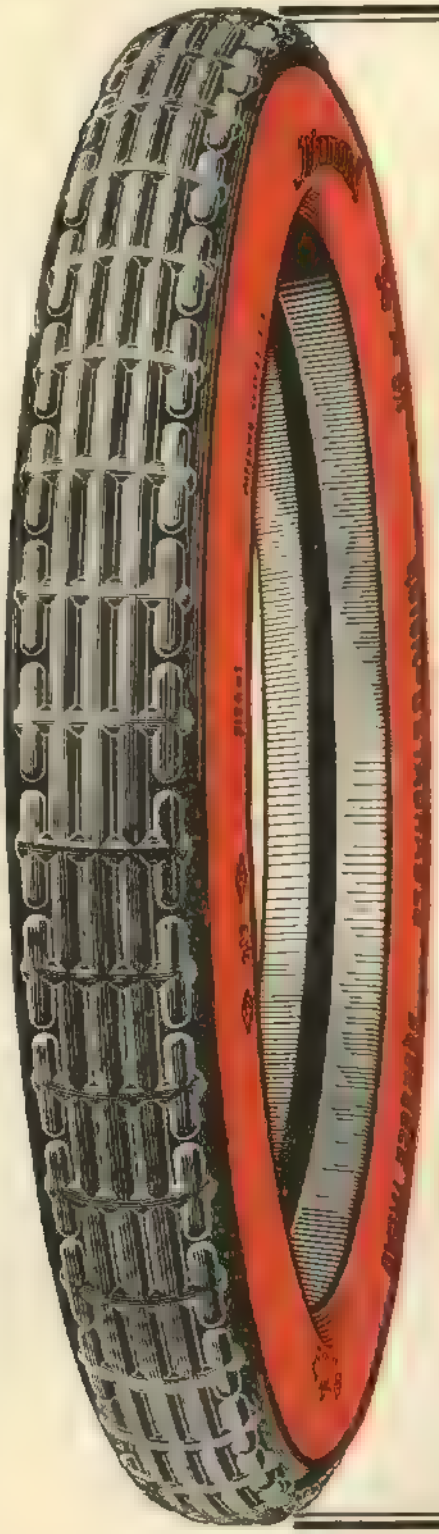
Write for the Chatillon Catalogue.

JOHN CHATILLON & SONS

(Scale Makers Since 1835)

85-93 Cliff Street, New York City

Sole Distributors of Foster Bros. & Chatillon Co Products, Knives, Cleavers, Steels, Etc.



Here's the best

Dealers' tire proposition

—bar none

Motorists, many of them your regular customers in other lines, now take it for granted that hardware dealers sell automobile tires. If *you* don't sell them you are overlooking a mighty good thing—so ask your jobber, or us, all about

Diamond Tires

Made of "Velvet Rubber"—Black Tread, Red Walls

Read why dealers are anxious to sell Diamonds

—The quality of materials in them and the mileage you get out of them are surpassed by none. No tires pile up excess mileages any oftener than Diamonds.

—A record of only 1% returned by dealers for adjustments means that you are 99% sure a Diamond Tire will stay sold. We know of no other tire with a record to surpass this.

—Diamond "Fair-List" prices are the lowest of almost any of the standard makes. Don't pay more for any other tire than the "Fair-List" prices of Diamonds.

Your jobber can supply you, or write direct to

Diamond Rubber Goods
AKRON, OHIO

The Finest Line of Decorated China Made

Each Piece is absolutely Perfect. The Subjects are Treated Naturally and Gold is used without Stint. Cost—not a consideration. Results—Best on the Market.

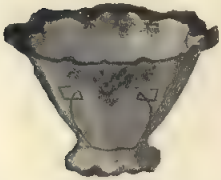
VASE
Appleblossom decorations.
Height 12 inches.
No. 16753 Each....$14.45

VASE
Encrusted gold and blue inlaid decorations
Height 12 inches.
No. 16754 Each. $17.10

VASE
Diana decorations in red, gold and blue, with inlaid enamel
Height 13 inches.
No. 16755 Each. $18.55

VASE
Grape conventional design and gold all over.
Height 16 inches
No. 16756 Each . $30.00

VASE
Chrysanthemum and heavy gold decorations.
Height 14 inches.
No. 16757 Each .. $33.35



FOOTED BOWL
Violet and gold decorations.
Diameter 7½ inches, height 4½ inches
No. 16758 Each. $8.90

LEMONADE JUG
Pharoah decorations.
No. 16759 Height 6¼ inches, each.....$14.45
TUMBLER TO MATCH
No. 16760 Height 3½ inches, each.... 2.35

HONEY JUG
Rose D'or decorations
Pink roses with gold background and silver band, gold and red trimmings
No. 16761 Each..... $9.55

VASE
Indian decorations
Height 10½ inches
No. 16762 Each $13.35

COFFEE AND CHOCOLATE SET
Cleopatra decorations in blue, black, gold and red colorings.

No. 16763	Coffee cup and saucer, height 2¾ inches, each	$3.10
No. 16764	Chocolate cup and saucer, height 3¾ inches, each	4.90
No. 16765	Individual cake plate, diameter 7½ inches, each	5.55
No. 16766	Coffee pot, height 9 inches, each	13.35
No. 16767	Chocolate pot, height 10¼ inches, each	15.55
No. 16768	Sugar and cream set, height 4¼ inches, each	11.10

VASE
Il Sorl Di Vinacia decorations
No. 16769 Each.... $15.55
No. 16770 Each..... 7.90
No. 16771 Each. . 4.45

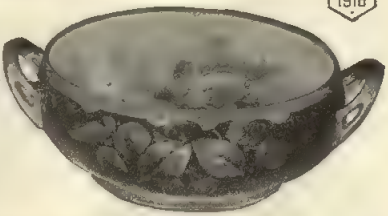
G.W. HUNTLEY CO. CHICAGO

The Finest Line of Decorated China Made

1863 1916

Each Piece Is Absolutely Perfect. The Subjects are Treated Naturally and Gold is Used Without Stint. COST---Not a Consideration. RESULTS---Best on the Market.

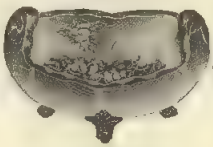
FERN DISH
Persian or Alhambra Decorations.
No. 16772 Diameter 10¼ inches, each $17.75
No. 16773 Diameter 7¾ inches, each. 8.90



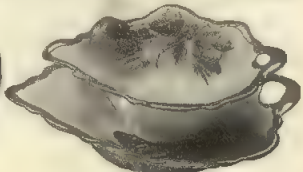
FRUIT BOWL HANDLED
Dark Strawberry and Gold Decorations.
No. 16774 Diameter 11 inches, each..... $20.00

FERN DISH
With Lining
Pansy and Gold Decorations
Diameter 6 inches
No. 16775 Each $11.10

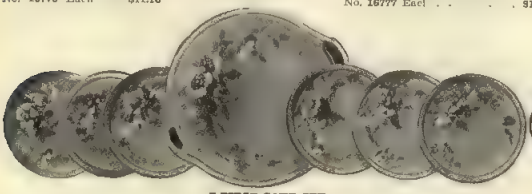
NUT BOWL
Pansy and Gold Decorations
Length, 7¼ inches
No. 16776 Each $8.90



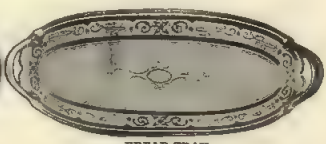
NUT BOWL
Hazelnut or assorted
Conventional Decorations.
Diameter 7¼ inches
No. 16777 Each $13.35



MAYONNAISE BOWL
White and gold Pine Cone or
Conventional Decorations.
Diameter 7 inches.
No. 16778 Each..... $8.90



7 PIECE CAKE SET
Violet or Wild Rose Decorations.
Cake Plate, diameter 9 inches.
No. 16779 Per Set..... $16.25



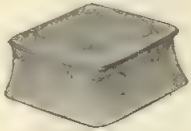
BREAD TRAY
Persian Historical Conventional Decorations.
Length, 14 inches.
No. 16780 Each..... $9.35

7 PIECE LEMONADE SET
Blackberry or other Conventional Decorations
No. 16781 Per Set $31.10
No. 16782 Jug only 11.10

SUGAR AND CREAM SET
Plain white, gold stripe, with any old English initial decoration
No. 16783 Per Set..... $3.90

SALT AND PEPPER
White and gold
Old English
Initial Decorations
Any initial.
Height, 2¾ inches.
Per Pair.
No. 16784..... $3.10

SALT AND PEPPER
White and gold
Old English
Initial Decorations
Any initial
Height, 3½ inches.
Per Pair.
No. 16785..... $2.45



HANDKERCHIEF BOX
Forget me-not decorations
Diameter 5¼ inches
No. 16786 Each ..... $ 3.90

GLOVE BOX
Same decorations.
Length, 11 inches.
No. 16787 Each..... 11.10

SALT & PEPPER
Tiger Lily
conventional
decorations
Height, 3 inches.
Per Pair.
No. 16788 $3.35

SALT AND PEPPER
White and gold
Old English initial decorations.
Any initial.
Height, 3½ inches
No. 16789 Per pair $2.45

Adzes

Carpenters' Half Head.
Extra Quality Cast Steel, Gun Metal Finish, Polished Head and Bit.

Per Dozen
No. E15—~~Everkeen~~ Edgemen 3½ to 4½ in. Cut, Weight Each 3¾ to 4 Lbs. **$26 65**
Average Weight Per Dozen About 56 Pounds
One-half Dozen in a Box.

PEERLESS

Carpenters' Half Head.
Extra Quality Cast Steel, Gold Bronzed Finish, Polished Head and Bit

Per Dozen
No. 24—Peerless, 3½ to 4½ in. Cut, Weight Each 3¾ to 4 Lbs. **$25 55**
Average Weight Per Dozen About 56 Pounds
One-half Dozen in a Box.

CLIPPER

Carpenters' Half Head.
Extra Quality Cast Steel, Silver Bronzed Finish, Polished Head and Bit.

Per Dozen
No. 20—Clipper, 3½ to 4½ in. Cut, Weight Each 3¾ to 4 Lbs. **$22 25**
Average Weight Per Dozen About 56 Pounds
One-half Dozen in a Box

CLIPPER

Railroad, Full Head.
Extra Quality Cast Steel, Carbon Finish, Polished Head and Bit

Per Dozen
No. 10—Clipper, 4½ to 6 in. Cut, Weight Each 4¼ to 4½ Lbs. **$24.45**
Average Weight Per Dozen About 56 Pounds
One-half Dozen in a Box.

Butcher's Axes.

Extra Quality Cast Steel, Red Finish, [illegible] Handle.

Per Dozen
No. 3—5¼ in. Cut, Weight Each without Handle 4 Lbs. **$40 00**
Aver. Weight Per Dozen About 68 Lbs
One Dozen in a Box

Firemen's Axes.

Extra Quality Tool Steel, Pick Point, Gold Bronze Finish, Polished Bit and Poll, Red Painted, Hickory Handle

Per Dozen
No. 25—4 in. Cut, Weight Each without Handle 3½ to 4½ Lbs 36 in Handle. **$37.75**
Aver. Weight Per Dozen About 70 Lbs
One Dozen in a Box

Ice Axes.

Extra Quality Cast Steel, Red Finish, Polished Bit, Extra Hickory Handle

Per Dozen
No. 30—2½ in. Round Edge, Weight Each without Handle 2¾ Lbs., 30 in. Handle **$26.65**
Weight Per Dozen About 50 Pounds
One Dozen in a Box

Broad Axes.

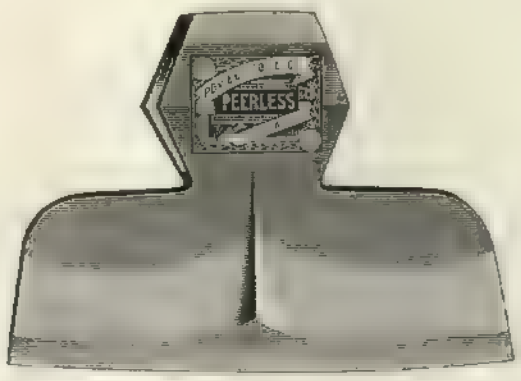
Everdreen, Special Pattern.

Extra Quality Cast Steel, Gold Bronzed, Polished Head and Bit, 11 to 13 in. Cut.

Weights Assorted, Lbs.	6 to 7	7 to 8½
Average Weight Per Dozen, Lbs.	85	100
Per Dozen	$50 10	52.40

One-half Dozen in a Box.

PEERLESS



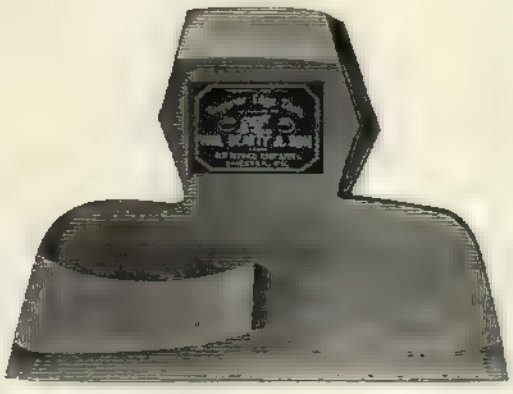
Peerless, Canada Pattern.

Refined Cast Steel, Gold Bronzed, Polished Head and Bit, 11 to 13 in Cut

Weights Assorted, Lbs.	5½ to 6½	7 to 8½	9 to 11
Aver Weight Per Dozen, Lbs.	78	100	120
Per Dozen	$47.85	52.40	56.95

One-half Dozen in a Box.

BEATTY'S



Beatty's, Canada Pattern.

Refined Cast Steel, Gold Bronzed, Polished Head and Bit 11 to 13 in. Cut

Weights Assorted, Lbs.	5½ to 6½	7 to 8½	9 to 11
Aver Weight Per Dozen, Lbs.	78	100	120
Per Dozen	$44 30	48 50	52 75

One-half Dozen in a Box.

Beatty's, Western Pattern.

Refined Cast Steel, Gold Bronzed, Polished Head and Bit 11 to 13 in. Cut

Weights Assorted, Lbs.	5½ to 6½	6 to 7	6 to 7½
Av. Weight Per Dozen, Lbs.	78	84	90
Per Dozen	$38 40	38.40	38 40

Weights Assorted, Lbs.	6½ to 8	7 to 8	8 to 9½
Av. Weight Per Dozen, Lbs.	90	96	108
Per Dozen	$42.00	42.00	45.60

One-half Dozen in a Box.

Fine Cluster Drop Chandeliers and Art Domes

All Fixtures Wired Complete Ready to Hang

Electric Bulbs not Included in Costs Prices Each

FIVE LIGHT CLUSTER

Fine brushed brass light pan suspended by four heavy chains, four small frosted glass globes, one large globe in center. Length 36 inches, 17-inch spread. Wired complete as shown.

No. 40182.....Each $27.10

THREE LIGHT ART DOME

Fine brushed brass chains and fittings, 24-inch art glass dome shade; length 40 inches; three pull sockets. Wired complete as shown

No. 30892 . ... .Each $86.35

ELECTRIC FIXTURE

Fine brushed brass; length 36 inches. Wired complete as shown.

No. 14352.....Each $5.25

FIVE LIGHT CHAIN CLUSTER

Fine brushed brass four heavy chains with frosted glass pendants, one light in large center globe. Length 24 inches, spread top pan 17 inches. Wired complete as shown.

No. 40182 ....Each $28.90

FIVE LIGHT CLUSTER, GOTHIC DESIGN

Fine brushed brass, fancy spindle chains. The four pendant lights have fancy art glass globes with indirect center light globe to match. Length 38 inches, spread 18 inches. Wired complete as shown.

No. 32582 Each $34.35

FIVE LIGHT CHAIN CLUSTER

Fine brushed brass. Four chain pendant lights and one straight center light. Frosted glass globes. Length 36 inches, with 17-inch spread. Wired complete as shown

No. 40612..... Each $63.35

RID-OF RATS
FIX-THE-FLY
WRECK-THE ROACH

Every Up-to-date
Hardware Store Handles

BERG'S SPECIALTIES

Quick Sellers—Large Profits

THE BERG & BEARD MFG. CO., Inc.
61 Fleet Place, Brooklyn, N. Y.

Write for Free Catalogue

SILENT VALET
BENT CULTIVATOR TOOTH
ANTI-WINDOW RATTLER

HERE ARE THE 4 BIGGEST-SELLING COBBLER OUTFITS IN THE WORLD

WHY Buy Imitations When You Can Buy The Genuine At The Same Price?

We make over 60 styles of Cobbler Sets and Lasts and Stands. *Write for Catalog.*

THE ROOT-HEATH MFG. CO., PLYMOUTH, OHIO
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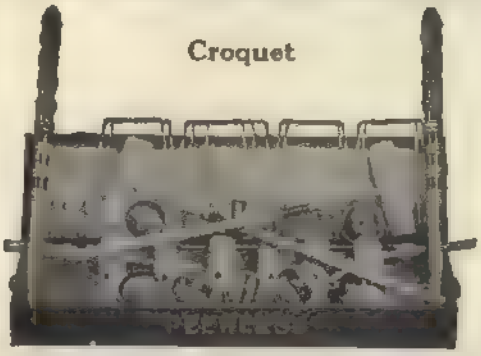


Croquet and Base Ball Bats

THE MOST ATTRACTIVE LINES ON THE MARKET

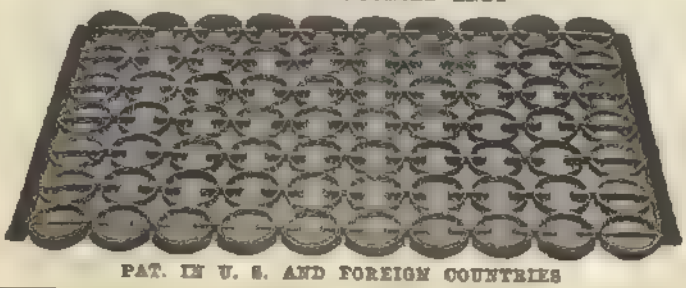
Indian Clubs, Dumb Bells, Ten Pins, Woodenware. They are profitable to handle, our line being right in quality and price

Write for catalogs and quotations today.

SAGINAW WOOD PRODUCTS CO., Gaylord, Mich.

CARY'S "EVERLASTING" FLEXIBLE STEEL MATS

SEE THE REINFORCED ENDS



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Have that rare combination: Strong construction and good looks. Ends are finished smooth. Mats can be used on both sides Easily rolled for storage purposes. Rust-proof. Sanitary. Self cleaning.

Send for Literature and Prices

Cary Manufacturing Co.
Manhattan Bridge Plaza
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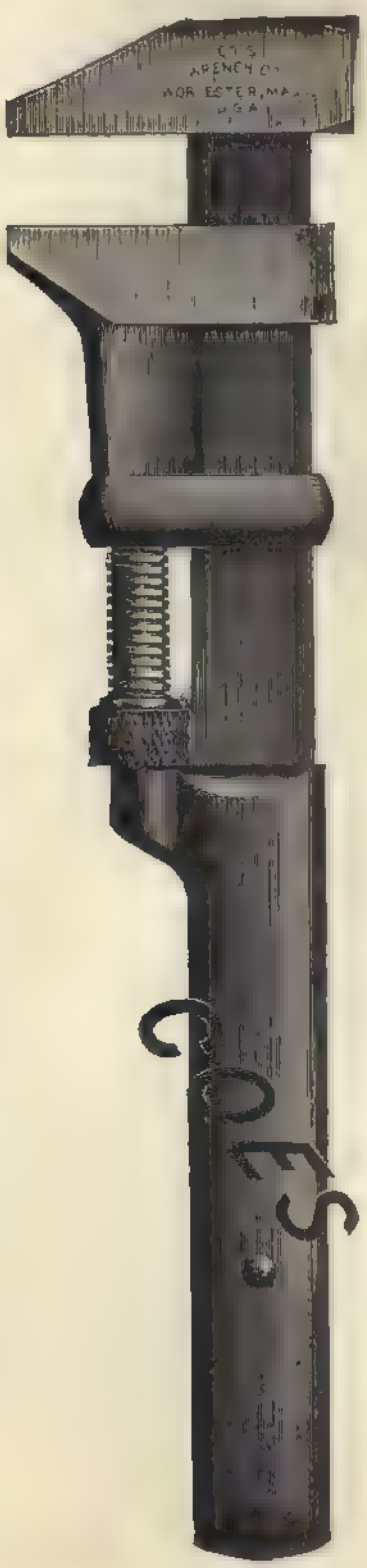

We Guarantee

"COES" WRENCHES

30% Stronger

Remember that Wrench making is a fine art with us

75 Years Making Wrenches

and every year of the seventy-four has brought some improvement—some closer approach to wrench perfection.

Maximum Strength—Perfect Service

The bar—the vital part of the wrench—is built to withstand terrific strain. Grain runs around corner and under head, giving it unusual strength right where strain is greatest.

The fewest possible parts are used in Coes construction—ten parts in Coes "Knife-Handle" Wrench—six parts in Coes "Steel-Handle" Wrench. Every part is whole.

We make a Coes Wrench for every need, whether for

Railroad — Home — Shop — Mechanic or other uses, and at a price and quality that defy competition

Write to-day for our Catalogue.

COES WRENCH COMPANY

ESTABLISHED 1841 IN

Worcester, Mass., U. S. A.

Agents

J. C. McCarty & Co., 29 Murray St., New York
John H. Graham & Co., 113 Chambers St., New York

GOODRICH GIANT BLACK SAFETY TREAD BICYCLE TIRES

Just look at this tire!

This is the big, husky brute that is creating such a tremendous sensation! The strongest, hardest to puncture Tire ever made—yet it rides like velvet.

Tread made of actually the same gristly *black* "Barefoot" Rubber *that goes into our big auto tires!* And the famous three-bar Goodrich tread—*more rubber at point of contact—less strain on inner tire body.*

There's no skimping on *this* Tire—no make-shift fabric and inferior rubber thrown together just to be "good enough for a bicycle tire." But a *tire worth the money*—the best effort of the World's Largest Rubber Factory.

There's more profit to you—

—in the Goodrich "Giant" than any other type. Our big national advertising—handsome pennants *free* with each tire and Boy's Guide Book full of things every boy wants to know—*is heading the buyer YOUR way.*

Connect up—write for advertising helps—here's a tire that's got wonderful quality—it's backed by a name known in every home—there's a big profit in it.

Let's pull together and make 1916 the best year we both ever had!

The B. F. Goodrich Company, Akron, Ohio

Branches and Dealers Everywhere

Makers of the Celebrated Goodrich Automobile Tires—*"Best in the Long Run"*

Note husky *loose-weave* fabric—see how rubber in curing has permeated the material and joined with other side making solid wall of rubber—strongest construction ever evolved.

The B. F. Goodrich Company, Akron, Ohio
Please send free your illustrated booklet describing Goodrich Bicycle Tires and your dealer's name. Also tell me about your other styles and prices.
Name
Address
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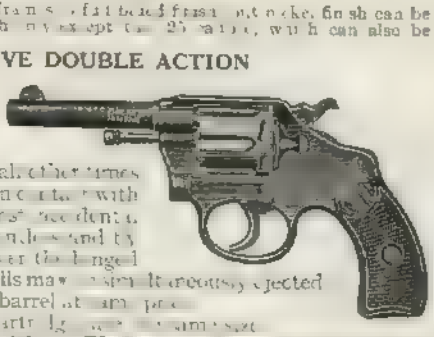
ONE MILLION BICYCLES FOR 1916

COLT REVOLVERS

Colt's Revolvers are made with solid frames, of fine blued finish or nickel finish can be furnished. Automatic Ejectors are built in both, except the 22 calibre, which can also be had in nickel.

POCKET POSITIVE DOUBLE ACTION

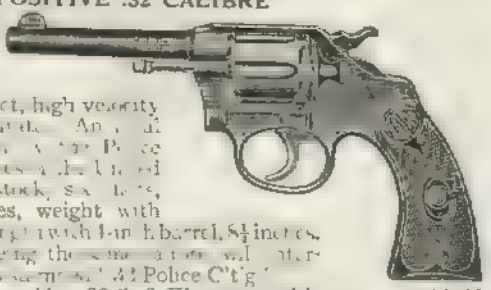


This revolver is equipped with a positive lock which is interposed between the face of the hammer and the frame, operating automatically only when the trigger is pulled and at all other times preventing the firing pin from coming in contact with the cartridge, thereby insuring against accidental discharge. The frame is solid and top-break and by pushing back the slide on side of revolver the barrel is released and the empty shells may be simultaneously ejected. Furnished with 2, 3½ or 6-inch blued barrel at same price.

32 Police Positive and S. & W. cartridges same size.

No 2. For 32 Police Positive. Also 32 S. & W. short and long cartridges **$13 00**

POLICE POSITIVE .32 CALIBRE



It is made with a jointless solid frame and simultaneous side ejector and the new positive safety lock. "The revolver with a grip." Light, compact, high velocity and perforation, and very accurate. Any of the Police Department revolver practice should be used. United States and Canada. Rubber stock, six shots, length of barrels 4 and 6 inches, weight with 4-inch barrel 20 ounces, overall length with 4-inch barrel, 8½ inches.

The following cartridges, being the same as used in the .32 Police Positive, may be used in this arm when barrel is marked ".32 Police C'tg'g."

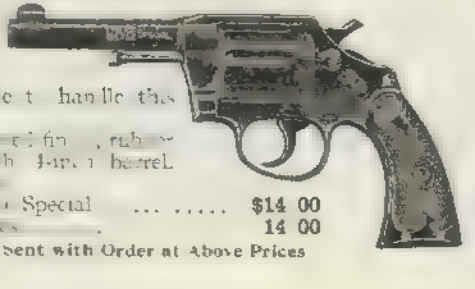
No 4. 32 Colt Police Positive. Also .32 S. & W. short and long ... **$14 00**

POLICE POSITIVE .38 CALIBRE

Similar to the Police Positive .32 calibre. Larger in size, with greater penetration, velocity and range. Six shot, 4 or 6-inch barrel, hammerless, rubber stock, weight with 4 inch barrel 20 ounces. Either of the cartridges mentioned below can be used in the same revolver.

No. 5. For .38 Colt Police Positive or .38 S. & W. cartridges **$14.00**

POLICE POSITIVE SPECIAL



This revolver uses the .38 long and short Colt, and the .38 S. & W. special and .38 Colt police cartridges but is slightly more compact than any revolver made to handle this powerful ammunition.

Six shot, 4 or 6-inch barrel, blued finish, rubber stocks. Weights .22 calibre with 4-inch barrel. Fitted with the Colt Positive Lock.

No 5S. .38 calibre Police Positive Special **$14 00**

No. 5R. For 32-20 Rifle Cartridges **14 00**

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

PROWLERS OF THE NIGHT

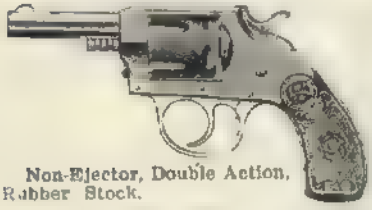
GRAY FOX KID FOX SILVER FOX

GRAY OR TIMBER WOLF

Revolvers.

IVER JOHNSON ARMS & CYCLE WORKS

I. J., HAMMER

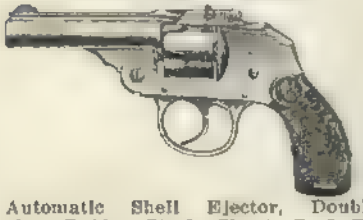


Non-Ejector, Double Action, Rubber Stock.

Nickel Plated.	Each
No. 602 22 Caliber, Rim Fire, 2½ in. Barrel, 7 Shots	$3 70
No. 603—32 Caliber, Rim Fire, 2½ in. Barrel, 5 Shots	3 70

Weight Each About ½ Pound

I. J., HAMMERLESS



Automatic Shell Ejector, Double Action, Rubber Stock, Shoots S & W. Center Fire Cartridges

Nickel Plated.	Each
No. 642—32 Caliber, C. F., 3 in Barrel, 5 Shots	$10 00
No. 648—38 Caliber, C. F., 3¼ in Barrel, 5 Shots	10.00
Blued.	**Each**
No. 642B—32 Caliber, C. F., 3 in Barrel, 5 Shots	$10.55
No. 648B—38 Caliber, C. F., 3¼ in. Barrel, 5 Shots	10.55

Weight Each About ¾ Pound.

COLT'S POLICE POSITIVE

Jointless Solid Frame, Simultaneous Ejector, Double Action, Rubber Stock.

	Each
No. 800—32 Caliber, C. F., 4 in Barrel, Nickel Plated, 6 Shots	$20 65
No. 801—32 Caliber, C. F., 4 in Barrel, Blued, 6 Shots	20.65
No. 802—32 Caliber, Police Positive, C. F., 4 in. Barrel, Nickel Plated, 6 Shots	20 65
No. 803—32 Caliber, Police Positive, C. F., 4 in. Barrel, Blued, 6 Shots	20 65
No. 804—38 Caliber, Police Positive, C. F., 4 in. Barrel, Blued, 6 Shots	20.65

Nos. 800 and 801 Shoot 32 Caliber Colt's and 32 Caliber Long Colt's Cartridges only.

Nos. 802 and 803 Shoot 32 Caliber Colt's Police Positive and 32 Caliber Police Positive Gallery Load Cartridges.

No. 804 Shoots 38 Caliber Police Positive Cartridges

Weight Each About 1 Pound

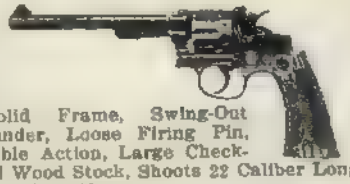
I. J., SAFETY HAMMER

Automatic Ejector, Double Action, Rubber Stock.

Nickel Plated.	Each
No. 622 22 Caliber, Rim Fire, 3 in Barrel, 7 Shots	$8 90
Blued.	**Each**
No. 622B—22 Caliber, Rim Fire, 3 in. Barrel, 7 Shots	$9 45

Weight Each About ¾ Pound.

SMITH & WESSON HEAVY FRAME TARGET, MODEL 1911

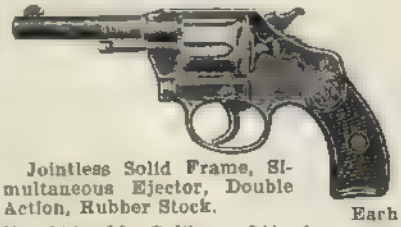


Solid Frame, Swing-Out Cylinder, Loose Firing Pin, Double Action, Large Checkered Wood Stock, Shoots 22 Caliber Long R. F. Cartridges.

Blued.	Each
No. 121B—22 Long Rifle Caliber, 6 in. Barrel, 6 Shots	$36 65

Weight Each About 1½ Pounds.

COLT'S POCKET POSITIVE

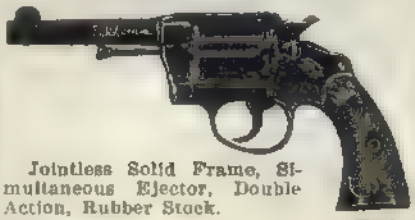


Jointless Solid Frame, Simultaneous Ejector, Double Action, Rubber Stock.

	Each
No. 811 32 Caliber, 3½ in. Barrel, Blued, 6 Shots, Wt Each About 1 Lb	$24.45
No. 812—32 Caliber, 6 in. Barrel, Blued, 6 Shots, Weight Each About 1½ Lbs	24 45

Shoots Colt's C. F. Short and Long Cartridges

COLT'S POLICE POSITIVE SPECIAL



Jointless Solid Frame, Simultaneous Ejector, Double Action, Rubber Stock.

	Each
No. 809—32-20 Caliber, C. F., 4 in Barrel, Blued, 6 Shots	$20 65
No. 810—38 Caliber, C. F., 4 in Barrel, Blued, 6 Shots	20.65

No 809 Shoots 32-20 Caliber C. F. Rifle Cartridges.

No. 810 Shoots 38 Short, 38 Long Colt's, 38 Colt's Special and 38 S. & W. Special C. F. Cartridges

Weight Each About 1 Pound

I. J., SAFETY HAMMER

Automatic Shell Ejector, Double Action, Rubber Stock Shoots S. & W. Center Fire Cartridges

Nickel Plated.	Each
No. 632—32 Caliber, C. F., 3 in. Barrel, 5 Shots	$8 90
No. 632½—32 Caliber, C. F., 4 in. Barrel, 5 Shots	9 45
No. 632¾—32 Caliber, C. F., 5 in Barrel, 5 Shots	10 55
No. 638—38 Caliber, C. F., 3¼ in. Barrel, 5 Shots	8 90
Blued.	**Each**
No. 632B—32 Caliber, C. F., 3 in Barrel, 5 Shots	$ 9 45
No. 632½B—32 Caliber, C. F., 4 in Barrel, 5 Shots	10 00
No. 638B—38 Caliber, C. F., 3¼ in Barrel, 5 Shots	9 45

Weight Each About 1 Pound

I. J., SAFETY HAMMER, WESTERN WALNUT GRIP

Automatic Shell Ejector, Double Action, Western Walnut Grip.

Nickel Plated.	Each
No. 652G—32 Caliber S. & W. Long or 32 Colt New Police, 4 in. Barrel, 6 Shots	$11.10

Shoots 32 Caliber S. & W. Long or 32 Colt New Police C. F. Cartridges

	Each
No. 638G—38 Caliber, 4 in. Barrel, 5 Shots	11.10

Shoots 38 Caliber S. & W. C. F. Cartridges

Weight Each About 1 Pound.

Blued.	Each
No. 622BG—22 Caliber, Rim Fire, 6 in. Barrel, 7 Shots	$12.75

Shoots 22 Caliber Short and Long Rim Fire Cartridges.

Weight Each About 1½ Pounds.

	Each
No. 652BG—32 Caliber, S. & W. Long or 32 Colt New Police 4 in Barrel, 6 Shots	$11.65

Shoots 32 Caliber S. & W. Long or 32 Colt New Police C. F. Cartridges.

	Each
No. 638BG—38 Caliber, 4 in. Barrel, 5 Shots	$11.65

Shoots 38 Caliber S. & W. C. F. Cartridges.

Weight Each About 1 Pound

Revolvers.

COLT'S PATENT FIRE ARMS MFG. CO.'S

POLICE POSITIVE TARGET

Jointless Solid Frame, Simultaneous Ejector, Double Action, Rubber Stock.

No. 807—22 Caliber Short or Long, Rim Fire, 6 in. Barrel, Blued, 6 Shots..... Each **$28 85**

No. 806—22 Caliber W. R. F., Rim Fire, 6 in. Barrel, Blued, 6 Shots..... **28 85**

No. 807 Shoots 22 Caliber Short or Long Rim Fire Cartridges.

No 806 Shoots 22 Caliber W R F Rifle Cartridges only.

Weight Each About 1½ Pounds

OFFICERS' MODEL

Jointless Solid Frame, Simultaneous Ejector, Double Action, Checked Walnut Stock.

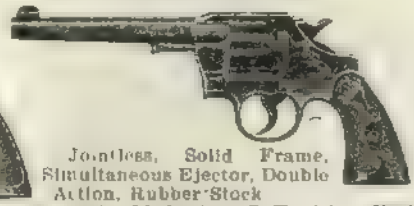
Each

No. 814—38 Caliber, C. F., 6 in Barrel, Blued, 6 Shots, Wt Each About 1½ Lbs..... **$35 55**

No. 815—38 Caliber, C. F., 7½ in. Barrel, Blued, 6 Shots Wt. Each About 2 Lbs... **35 55**

Nos. 814 and 815 Shoot 38 Caliber Colt Special and 38 Caliber S. & W. C. F. Cartridges

ARMY SPECIAL



Jointless, Solid Frame, Simultaneous Ejector, Double Action, Rubber Stock

No. 816—38 Caliber, C. F., 4 in Barrel, Blued, 6 Shots Each **$28 85**

No. 817—38 Caliber, C. F., 6 in. Barrel, Blued, 6 Shots... **28 85**

No. 818—32-20 Caliber, C. F., 4 in Barrel, Blued, 6 Shots. **28 85**

No. 819—32-20 Caliber, C. F., 6 in. Barrel, Blued 6 Shots. **28 85**

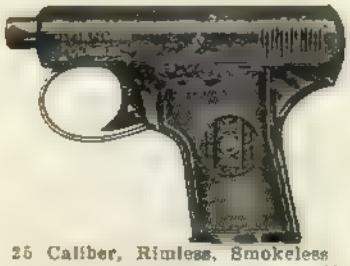
No. 820 41 Caliber C. F., 6 in Barrel Blued 6 Shots **28 85**

Nos. 816 and 817 Shoot 38 Caliber Short and Long Colt's, 38 S. & W Special Cartridges Nos. 818 and 819 Shoot 32 Caliber Winchester C. F. Rifle Cartridges No. 820 Shoots 41 Caliber Short and Long Colt's Cartridges

Weight Each About 1¼ Pounds

Pistols.

H. & R. AUTOMATIC SELF-LOADING, POCKET MODEL



25 Caliber, Rimless, Smokeless

Each

No. 225—25 Caliber, 2 in. Barrel, Blued, 6 Shots, Rubber Stock, Weight 12½ Oz., Length Over All 4½ in . **$17.80**

MAGAZINES Each

Extra Magazines—For H. & R. 25 Caliber Self-Loading Pocket Model Automatic Pistol...**$1.00**

Shoots Colt's Automatic, Center Fire Rimless, Smokeless Cartridges

COLT'S AUTOMATIC POCKET MODEL

25 Caliber, Rimless, Smokeless

Each

No. 25—25 Caliber, 2 in. Barrel, Blued, 6 Shots, Rubber Stock, Weight 13 Oz., Length Over All 4½ in... **$22.25**

MAGAZINES Each

Extra Magazines—For Colt's 25 Caliber Pocket Model Automatic Pistols **$1.00**

Shoots Colt's Automatic Center Fire Rimless, Smokeless Cartridges

32 Caliber, Rimless, Smokeless

Each

No. 32—32 Caliber, 3¾ in Barrel, Blued, 8 Shots, Rubber Stock, Weight 23 Oz., Length Over All 6¾ in . **$28 85**

MAGAZINES Each

Extra Magazines—For Colt's 32 Caliber Pocket Model Automatic Pistols . **$1 25**

Shoots Colt's Automatic Center Fire Rimless, Smokeless Cartridges

The action of these Pistols are automatic, except that the trigger must be pulled to fire each shot, the cartridges being supplied from a detachable magazine inserted in the handle of the pistol

COLT'S AUTOMATIC POCKET MODEL

380 Caliber, Rimless, Smokeless

No. 380—380 Caliber, 3¾ in Barrel, Blued, 7 Shots, Rubber Stock, Weight 23 Oz., Length Over All 6¾ in.. Each **$33 35**

MAGAZINES Each

Extra Magazines—For Colt's 380 Caliber Pocket Model Automatic Pistols **$1.45**

Shoots Colt's Automatic, Center Fire, Rimless, Smokeless Cartridges.

Pocket Model, 38 Caliber, Rimless, Smokeless

No. 38—38 Caliber, 4½ in. Barrel, Blued, 7 Shots, Rubber Stock, Weight 32 Oz., Length Over All 7½ in....**$37.75** Each

MAGAZINES Each

Extra Magazines—For Colt's 38 Caliber Pocket Model Automatic Pistols **$1.70**

Shoots Colt's Automatic, Center Fire, Rimless, Smokeless Cartridges.

The action of these Pistols are automatic except that the Trigger must be pulled to fire each shot, the cartridges being supplied from a detachable Magazine inserted in the Handle of the Pistol.

GOVERNMENT MODEL

45 Caliber

Each

No 45—45 Caliber, 5 in. Barrel, Blued, 7 Shots, Checkered Walnut Stock, Weight 39 Oz **$41 10**

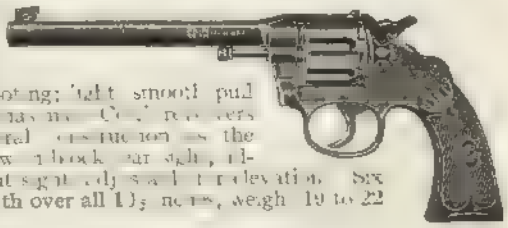
MAGAZINES Each

Extra Magazine—For Colt's 45 Caliber Government Model Automatic Pistols **$2 00**

In this Model the slide remains open after firing the last cartridge When reloading the arm in this position insert the magazine then press downward the slide stop The slide goes forward inserting a cartridge without any movement of the slide by hand. The slide stop is operated by the thumb of the hand holding the Pistol

COLT REVOLVERS

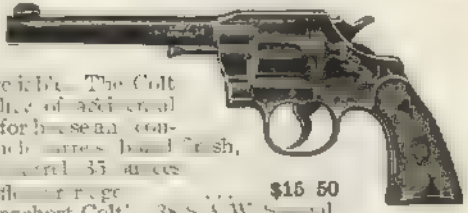
POLICE POSITIVE TARGET



A very fine arm and made to meet the demand for a light, small calibre target revolver, medium in price of both indoor and outdoor shooting; light smooth pull and has the special grooved back strap. Colt revolvers as well as the same general construction as the "Police Positive," but with heavy barrel, adjustable for windage and front sight only, and for elevation. Six shots, 6-inch barrel only, length over all 11½ inches, weight 19 to 22 ounces, full blue finish

No. 6W. For .22 Win. Rim Fire Cartridge only $15 00
No. 6S. For .22 calibre short or long rim fire cartridges 15 00

ARMY SPECIAL



An arm without an equal. Medium in size and weight, simple yet strong and absolutely reliable. The Colt Positive Lock removes every possibility of accidental discharge, making it a perfect arm for home and constant use. Six shots, 4, 5 or 6 inch barrels, blued finish, rubber stock, weight with 6-inch barrel 35 ounces

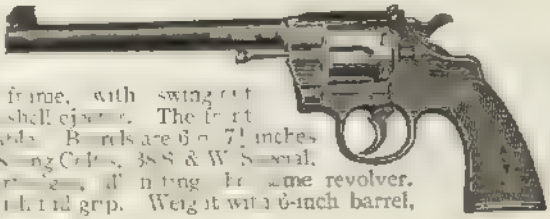
No. 12. Chambered for .32-20 calibre cartridge $15 50
No. 14. Chambered for .38 long or short Colt's, .38 S. & W. Special, also .38 Colt Special cartridges for use in the same revolver . $15 50

NEW SERVICE DOUBLE ACTION REVOLVER

A heavy, particularly strong and powerful arm made in large calibres. Adopted by the United States Government and Canada. An excellent arm for hunters and campers. Six shot, 4½, 5½ or 7½-inch barrels, weight with 4½-inch barrel, 40 ounces.

No. 8. .38-40. Rifle cartridges $16 75
No. 9. .44-40. Rifle cartridges 16 75
No. 10. .44 Russian or .44 S. & W. Special 16 75
No. 11. .45 Colt's. Full nickel or gallery load 16 75

OFFICERS' MODEL TARGET



This model is intended for accurate work and is popular with expert shots for target work. It has a positive, solid frame, with swing out cylinder and simultaneous shell ejector. The front and rear sights are adjustable. Barrels are 6 or 7½ inches long and chambered for .38 long Colts, .38 S. & W. Special, also .38 Colt Special cartridges, all using the same revolver. Checkered walnut stock with round grip. Weight with 6-inch barrel, about 34 ounces.

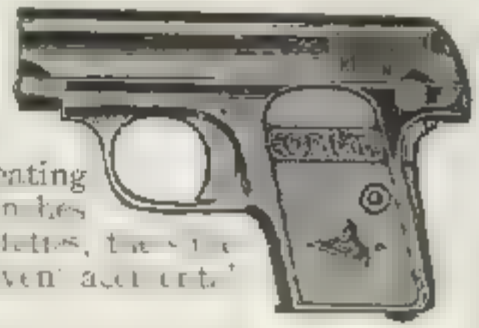
No. 16. Six shot, blue finish $18 50

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices.

COLT AUTOMATIC PISTOLS

The principle of the automatic action and safety device is identical. The pulling of the trigger on the cocking piece raises the hammer, cocks the arm and places a fresh cartridge in the chamber. Cartridges are the regular smokeless type, soft point and metal case bullets, except 45 cal., which is made metal cased only.

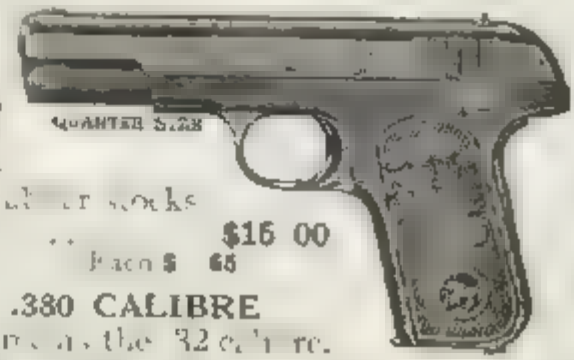
Delivery of the new .22 calibre Target model is improbable in 1916, and it is omitted from this catalog.



HAMMERLESS POCKET MODEL .25 CALIBRE

The smallest and most powerful pocket repeating pistol made. Has a 2-in. barrel, measures 4½ inches over all and weighs 14 ounces. Has two safeties, the hammer lock safety on the left and the grip safety prevents accidental discharge. Magazine holds 6 cartridges.

No. 25. .25 calibre, blued or nickeled finish, rubber stocks, each . . . $12 00
Extra magazines . . . . . Each $ 60



HAMMERLESS POCKET MODEL .32 CALIBRE

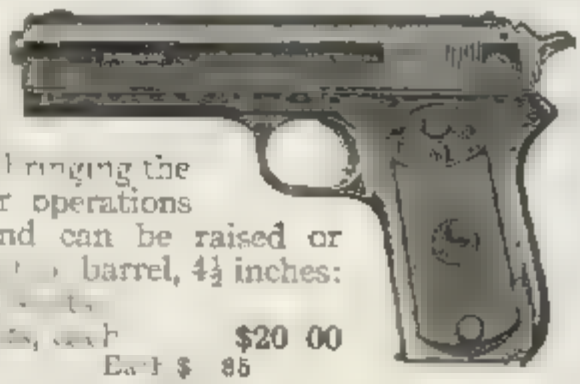
Of the same construction and action as the .25 calibre. Weighs 23 ounces, 5½ inch barrel. Length over all 6¼ inches. Magazine capacity 8 cartridges. Blued finish, rubber stocks.

No. 30. .32 calibre $15 00
Extra magazines . . . . . Each $ 65

HAMMERLESS POCKET MODEL .380 CALIBRE

The action, size and weight are the same as the 32 calibre. Shoots a special smokeless, rimless cartridge. Magazine capacity, 7 cartridges.

No. 380. .380 calibre. Blued finish, rubber stocks each . . . $16 00
Extra magazines . . . . . Each $ 75



HAMMER POCKET MODEL .38 CALIBRE

This model is operated in exactly the same manner as the hammerless models. After the pistol is discharged and the magazine one cocking movement is made as with the bringing the first cartridge into the chamber. All other operations are automatic. The hammer is visible and can be raised or lowered at will. Weight 32 ounces. Length of barrel, 4½ inches; overall, 7½ inches. Capacity of magazine, 7 shots.

No. 31. .38 calibre, blued finish, rubber stocks, each . . . $20 00
Extra magazines . . . . . Each $ 85

MILITARY MODEL .38 CALIBRE

In this model the slide remains open after firing the last cartridge. When reloading the arm in this position, insert the magazine, then press forward with the thumb the slide top. The slide goes forward, inserting a cartridge without any movement of the slide by hand.

Capacity of magazine 8 shots. Length of barrel 6 inches. Weight, 38 ounces.

No. 33. .38 calibre, blued finish rubber stocks with ring, each . . . $21 00
Extra magazines . . . . . Each $ 85

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

HUNTING AND CAMP LAMPS

"BRILLIANT" SEARCHLIGHT

A good night companion for the camper, driver, miner, game observer, and handy around home. Burns acetylene gas, which is generated from calcium carbide. Will burn ten hours on one filling. Throws a light 200 yards. Generator may be carried on belt and lamp to hat by means of hook. The frame is black

No. K1. With 3½-inch convex single lens, which gives a real searchlight $5 00
No. K2. With double lens, concentrates the light 6 00
No. K3. With interchangeable single and double lens 6 50

"COLUMBIA" HUNTER'S LAMP

This is a strong, compact hunter's lamp. It throws a powerful white light, easy to operate, and is strong and durable. Burns acetylene gas in the generator, which can be carried on the belt or in the pocket, will burn five hours on one charge. Outfit consists of a lamp with screw to fasten on hat, generator and rubber gas tubing. The belt is not included.
No. CJ. Gun Metal finish weight 1½ lbs $4 25

"JUSTRITE" HEADLIGHT

This light consists of a generator, intended to be worn on the belt, to be worn around the waist and a lamp which can be easily attached to the hat. The gas, which is carried from the generator to the burner by means of a fabric covered rubber tube. No matches are necessary to light as there is an attachment for "flint" lighter which is near the burner. Burns ten hours with one charge, 8 ounces of carbide, or may be extinguished and relighted at will

No. 44. Combined weight about 2 pounds $3 00

"STORM KING" GASOLINE LANTERN

A powerful lamp with twenty times the light-giving quality of the ordinary lantern.

Operates seven hours on one quart of gasoline or kerosene. Automatically cleaned, cannot smoke, will burn anywhere in any position; can be turned upside down. Will stand rough usage than the ordinary lantern and has no wicks to trim, no chimneys to wash, no smoke, no smell and no dirt. Just the thing for camp meetings, excursions, picnics, hunting camps or wherever a bright light is required. Equipped with carrying handle, extra chimneys, pump and lighter.
No. 25. Height 12 in., weight 3¼ lbs $6 50

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

ACETYLENE CAMP LAMPS

BALDWIN LAMP No. 29

These lamps burn acetylene gas generated from carbide and water and burn with a brilliant light. An attachment spark lighter attached to the reflector, makes lighting possible without the use of a match. A reliable, little, inexpensive lamp, especially suitable for camp use. Burns three hours at one filling, at a cost for carbide of ½ cent per hour.

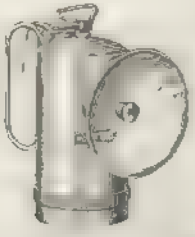
The lamp is highly polished, nickel finish and has both cap hook and hinged handles.

No. 29. Height 4 inches, weight 6 oz $1 50

No. 30. Similar to No. 29 but without extra generator and spark lighter $1 00

No. 6B. Extra Lava Burner Tip $ 05 No. 13. Extra Carbide Container $ 25

BALDWIN LAMP No. 160



This lamp is [illegible] and burns for [illegible] hours. Nickel [illegible] and [illegible] finish. [illegible] Automatic [illegible] prevents [illegible] escaping from [illegible] when [illegible] over. Supplied [illegible] until the [illegible] is [illegible] up. The [illegible] and [illegible] can be [illegible] and [illegible] for [illegible] use.

No. 160. Height [illegible] weight [illegible] lbs. $2 50

No. 7B Extra burner tips $ 05 No. 15 Extra wire handle $ 05

No. 48. *Special carbide, ½ inch size, 1 lb can. 15

COLUMBIA HAND LAMP

This acetylene lamp, compact and adapted for camp use. It has a flanged base to prevent [illegible] and a wire handle which folds out of the way when [illegible] Its [illegible] per [illegible] every [illegible] and [illegible] the [illegible] being [illegible] burning [illegible] burner, [illegible] Burns [illegible] ware or sporting goods [illegible] and [illegible] light. Height 5 inches.

No. 20B. [illegible] weight 1 lb. $3 00

No. X1. Extra Burners, brass, lava inserted $ 20

No. X2. Extra Glass Lenses 30

SOLAR BOAT, CANOE AND CAMP LAMP

[illegible] boat light [illegible] fasten [illegible] rowlocks [illegible] Has pedestal base for fastening to deck [illegible] and [illegible] detachable from same by means of an easy [illegible] bayonet [illegible] for use as a lantern, [illegible] handle for carrying.

Burner [illegible] will not [illegible] or blow out. In the same construction as the Solar Boat Lamp, except that it has three bright lights [illegible] and is [illegible] so as to show [illegible] front and side.

No. S68. Nickel plated [illegible] weight 3 lbs. $4 00

No. J. Extra lava burner $ 10 No. M2 Extra lenses $ 25

No. 27. *Carbide, ½-inch size, 2 lb. can 25

Delivery Prepaid on Lamps in U. S. if Cash is Sent with Order at Above Prices

*This [illegible] applies to articles which is shipped at buyer's expense

Sterling Silver Novelties

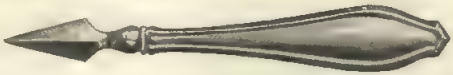
PRICES EACH

GRAPE FRUIT KNIFE

No 7858 ..... $2.35
Polished sterling silver handle. Extra fine blade

CORN HOLDER

No 7839 Per pair. $1.35
Sterling silver, gray finish, nickel plated steel fork.



CORN HOLDER

No. 7866 Per pair..... $2.35
Polished sterling silver handle, steel blade

No. 7862 ..... $4.20
Call bell, polished sterling silver.
Illustration full size.

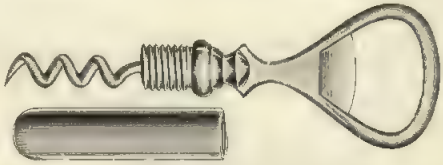
No 7864 ..... $9.20
Corkscrew, fine real walrus ivory, heavy sterling silver mounting. Illustration 1/3 size

BIRTHDAY CAKE SET

No 7861 ..... $1.50
Polished sterling silver articles as shown

No. 7863 ..... $5.35
Call bell polished sterling silver
Illustration actual size

No. 7866 ..... $7.35
Combination corkscrew and bottle opener, real staghorn handle, sterling silver mountings, nickel plated opener and corkscrew. Illustration 1/3 size



BOTTLE OPENER AND CORK SCREW

No 7835 ..... $2.80
Sterling silver screw cap, nickel plated cork screw and opener

No 7868 ..... $2.35
Bottle opener, real staghorn handle, sterling silver mountings, nickel plated opener. Illustration 1/3 size.

BOTTLE OPENER

No 7867 ..... $1.75
Sterling silver handle, French gray Polished steel opener

G.W. HUNTLEY & CO. CHICAGO

Sterling Silver Bag Tags and Pencils

1863 1916

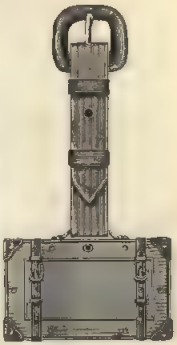
Prices Each and Per Set

No. 7847 ..... $1.50
Oxidized finish, embossed border

No. 7848 ..... $3.20
Oxidized finish, embossed border

No. 7849 ..... $2.45
Gray finish embossed border

No. 7850 ..... $2.45
Gray finish, embossed border.



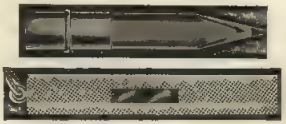
No. 7851 ..... $1.75
Gray finish

SIX POCKET NAIL FILES

No. 7852 ..... $3.15
Six pocket nail files assorted patterns, French gray finish, fitted with flexible files

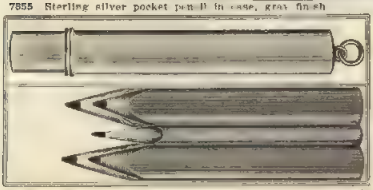
SIX POCKET PENCILS

No. 7853 Per set of six $9.90
Assorted patterns, 4 French gray, 2 polished, in individual boxes.



No. 7854 ..... $3.10
Polished, engine turned pencil holder and 7 pencils in box

No. 7855 Sterling silver pocket pencil in case, gray finish $1.85



No. 7856 ..... $2.75
Sterling silver pencil holder and 6 pencils in box, polished.

No. 7857 ..... $2.75
Sterling silver pencil holder and 6 pencils in box, oxidized

Latest Model Eight Day Cowl Dash Auto Clock

New Line for Progressive Hardware Dealers

The Auto No. 3 Cowl is designed to be sunk in the dash and makes a very neat appearance. It has a new Patented Catch which is the most convenient arrangement yet devised for securing the movement to dash.

The movement is a standard one whose reliability has been thoroughly tested. The clock measures 3½" from rim to rim with 2½" dial and is 3" deep. Highly polished, nickel finish. Retails for $4.25.

The Sessions Clock Company
37 Malden Lane, N. Y. Forestville, Conn

VIKING SPARK PLUGS

The Plug That Satisfies

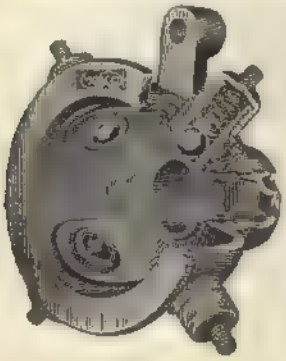
GUARANTEED TO GIVE COMPLETE SATISFACTION

The Viking is not a cheap plug but a strictly high grade one.
Your most exacting customer will be delighted with them.

Not sold to mail order houses

Send to day for folder giving correct size of plug for all cars, trucks and motor cycles

The John MacGregor Co.
(Incorporated)
ROSLINDALE, BOSTON



PATENTED

TIMER SHAFT EXTENSION

BEMUS BALL CONTACT TIMER—FORD TYPE

SOME DEALERS are still handling, for the Ford Car, the old style Timer with its long, flat contacts (great for holding grease) and with a roller brush construction which constantly wears out the insulation.

A THOUSAND LIVE WIRE DEALERS in 1915 have sold the Bemus Timer with great success. It is DIFFERENT in PRINCIPLE. The roller does not wear or touch the insulation. The snappy action of the BALL CONTACT is just the thing for this high speed, short stroke engine. Stops that skipping, starts the motor easier, smooths out the running, prevents short circuiting and produces continuous precision of firing on every cylinder.

PRICE—$2.25

MOTOR SPECIALTIES CO., Mfrs.
WALTHAM MASS., U. S. A.

REPAIR PARTS FOR FORD CARS AT CUT PRICES

Differential ring gears, pinion gears, connecting rods with bearings, front hub assembly, rear hubs, jointed spider with 4 splines, rear axles and propeller shafts, pressed steel parts, engine valves, piston pins, rings, bushings, brake shoes, and many other parts for the Model "T" Ford Car. All parts guaranteed.

Jobbers and dealers write for complete list and prices to

GROSSMAN AUTO PARTS COMPANY
Mortimer M. Grossman Wallace G. Grossman
WHITE PLAINS, N. Y., U. S. A.

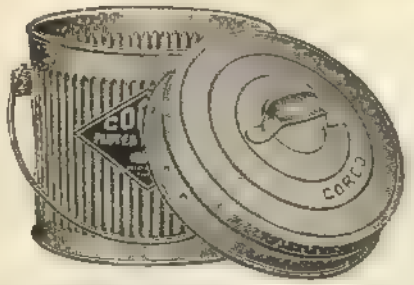
NO. 2 STOCK

GENUINE ARMSTRONG STOCKS & DIES

for threading Pipe or Rod

HINGED PIPE VISES PIPE CUTTERS

MANUFACTURED BY
THE ARMSTRONG M'F'G CO.
307 KNOWLTON ST. BRIDGEPORT, CONN.



"CORCO" FLUTED GARBAGE CANS

The newest line of Corco high grade galvanized ware! Strong and sturdy these cans have already become very popular among the trade. Four sizes meet all needs—4⅓, 6¼, 8⅛ and 10⅓ gallons. Special tight fitting covers.

Write for descriptive literature.

WHEELING CORRUGATING COMPANY, WHEELING, W. VA.

BRANCH OFFICES AND STORES:

NEW YORK CHICAGO PHILADELPHIA
ST LOUIS KANSAS CITY CHATTANOOGA

CORCO FOR QUALITY

In selling Wrenches the fact that you can absolutely guarantee the

Quality in P. & S. WRENCHES

makes the sale a pleasure and puts force in the salesmanship of your clerks.

P. & S. Wrenches, we are proud to say, are made and sold on honor.

They have the Bite that makes the wrench.

Just try one. Page-Storms Wrenches advertise themselves.

Write to-day

Page-Storms Drop Forge Co.
Chicopee, Mass.

The Only and Genuine

"RUSSELL JENNINGS" Augers and Auger Bits

Look for the name in full on each Bit

THE RUSSELL JENNINGS MFG. CO. :: Chester, Conn.

Socket Chest No. 300

Just the Socket Wrenches That Sell Just the Way to Sell Them

Socket Wrenches Long Ago Proved Their Wonderful Worth

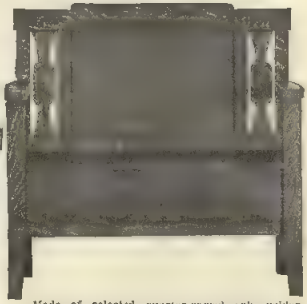
Write for Special Free Offer And ask, too, for Free Catalog 133-B

Frank Mossberg Co., ATTLEBORO, MASS., U. S. A.

Fine Hall Seats and Mirrors

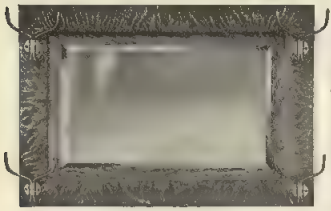
Made of selected quarter-sawed oak—golden oak finish fumed or early English finish. Height of seat 36 inches, width 15 inches, compartment under seat. Shipping weight 50 pounds, width of mirror frame 34 inches. Fitted with 16x20 inch beveled mirror and metal hooks. Shipping weight 45 pounds.

No. 151142	Seat	Each	$25.95
No. 15138	Mirror	Each	17.95
No. 151423	Set complete		43.90



Made of selected quarter-sawed oak—golden oak polished or dull finish. Also fumed or early English. Height of seat 36 inches, width 30 inches, compartment under seat. Shipping weight 100 pounds. Height of mirror frame 42 inches, width 32 inches, 16x24-inch beveled mirror. Fine metal hooks. Shipping weight 40 pounds.

No. 1402	Seat	Each	$31.95
No. 1392	Mirror	Each	25.95
No. 139402	Complete set	Each	57.90

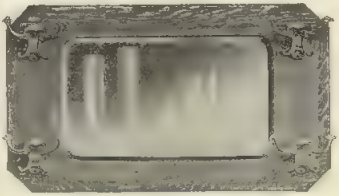


Made of selected quarter-sawed oak—golden oak, polished, fumed or early English finish. Height of frame 19 inches, width 27 inches; 12x20-inch beveled mirror. Fine metal hooks. Shipping weight 35 pounds.

No. 1582 Each $17.98

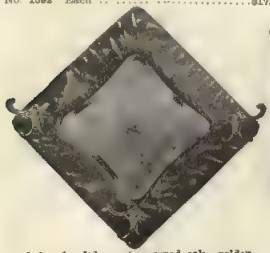
Made of selected quarter-sawed oak—golden oak, polished, fumed or early English finish. Height of stand 33 inches, width 31 inches. Fitted with umbrella holders and drawer. Shipping weight about 50 pounds. Height of mirror frame 84 inches, width 23 inches. 18x30-inch mirror. Fine metal hooks. Shipping weight about 50 pounds. Also furnished in the popular Austrian or Kaiser gray finish.

			Each
No. 2162	Stand	.....	$19.95
No. 2152	Mirror	.....	23.95
No. 21562	Set complete	.....	43.90



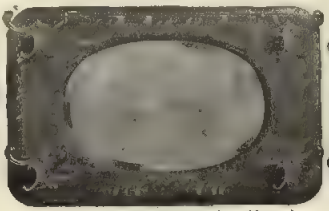
Made of selected quarter-sawed oak—golden oak, polished, fumed or early English finish. Height of frame 17 inches, width 30 inches, 12x20-inch beveled mirror. Fine metal hooks. Shipping weight about 25 pounds.

No. 10032 Each $14.00



Made of solid quarter-sawed oak—golden oak, polished, fumed or early English finish. Fitted 12x12 inch beveled mirror. Metal hooks. Shipping weight 20 pounds.

No. 10002 Each $9.00



Made of solid quarter-sawed oak—golden oak, polished, fumed or early English finish. 12x18-inch beveled mirror. Metal hooks. Shipping weight 25 pounds.

No. 10022 Each $13.00

Made of solid quarter-sawed oak—golden oak, polished fumed or early English finish. Height 17 inches, width 23 inches. Fitted with 12x12 inch beveled mirror. Metal hooks. Shipping weight 20 pounds.

No. 10012 Each $10.00

Shipped F. O. B. Our Southern Indiana Factory.

Fine Hall Racks

Finest of Material

Best Workmanship

Made of selected quarter-sawed oak, golden oak gloss finish, height 72 inches, width 22 inches, 10x30 plain mirror, fine metal hooks; shipping weight about 65 lbs.
No. 1022 Each .. .$19.95

Made of selected quarter-sawed oak, golden oak gloss finish height 76 inches, width 26 inches, 10x17-inch beveled mirror, metal hooks, compartment under seat, shipping weight about 90 lbs.
No. 1052 Each $26.95

Made of selected quarter-sawed oak, fumed or Early English finish Height 76 inches, width 29 inches 12x18-inch beveled mirror, Metal hooks. Compartment under seat Shipping weight K. D. 95 lbs.
No. 1602 Each $30.95

Made of selected quarter-sawed oak, golden oak gloss finish; height 75 inches, width 26 inches; 18x30-inch beveled mirror Metal hooks Compartment under seat. Also made in imitation mahogany and natural red gum, gloss finish. Shipped K. D. Weight, crated, 90 lbs.
No. 1072 Oak, each .. $32.95
No. 1072M Mahogany, each 32.95

Made of selected quarter-sawed oak, golden oak gloss finish height 75 inches, width 26 inches 14x24-inch beveled mirror fine metal hooks compartment under seat, shipping weight about 100 lbs.
No. 1202 Each $35.90

Made of selected quarter sawed oak, golden oak polished fumed or Early English finish height 75 inches, width 29 inches, 12x20-inch beveled mirror Metal hooks. Compartment under seat. Shipping weight K. D 112 lbs
No. 13032 Each $37.90
Shipped F O B. our Southern Indiana Factory

Made of selected quarter-sawed oak, golden oak polished finish; height 77 inches, width 25 inches, 18x40-inch beveled mirror, fine metal hooks Compartment under seat, also made in mahogany finish dull. Shipping weight about 115 lbs
No. 1122 Oak each .. $43.90
No. 1122 Mahogany, finish each ... 43.90

Made of selected quarter sawed oak, golden oak polished finish. Height 77 inches, width 34 inches, 18x40-inch beveled mirror. Metal hooks. Compartment under seat. Also made in natural red gum, polished finish. Shipped K. D. Weight crated, 135 lbs.
No. 1142 Oak, each.....$51.90

CROQUET SETS

No 0

Per Set

No. 0—Eight Ball Set, Well Painted and Oiled, Short Mallets, Galvanized Wire Wickets, Complete with Rules for Playing, in Good Lock-Cornered Box with Handle . . . . . $ . . . .

The best cheap set possible to produce for the money.

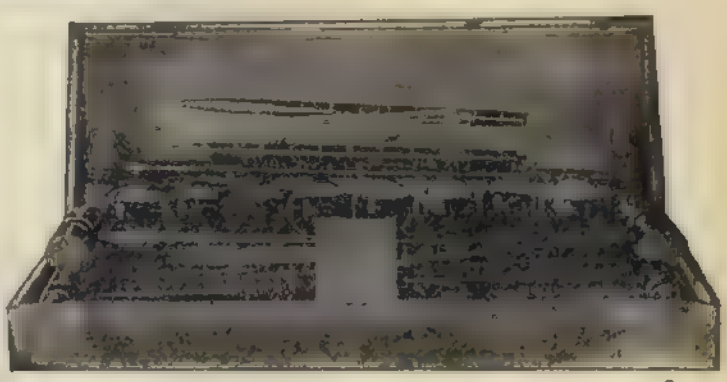
No. H—Eight Ball Set, Well Painted and Varnished, Nice Stock, Wire Wickets, Complete with Rules for Playing in Good Box. . . . $. . .

Weight Per Crate 61 Pounds.

Three Sets in a Crate.

No. C—Eight Ball Set, 5½ in. Fancy Design Mallets, Selected Handles, Fancy Stakes, Large Galvanized Wickets with Sockets, Nicely Painted and Varnished, Complete with Book of Rules for Playing, in a Neat Box with Handle . . . . . $ . . .

A very popular set with the ladies.
Weight Per Crate 66 Pounds.
Three Sets in a Crate.



No. C.

No N

Per Set

No. N—Eight Ball Set, 8 in. Very Fancy Painted Selected Wood Mallets, Choice Handles and Balls, Large Fancy Stakes, Large Galvanized Wire Wickets with Socket, Complete with Book of Rules for Playing, in a Neat Strong Box . . . . . $ . . . .

The most popular set.
Weight Per Crate 76 Pounds
Three Sets in a Crate

Per Set

No. AA—Eight Ball Club Set, Long 8 in. Mallets, Polished Professional Handles, Fancy Beaded Stakes, Mallets and Balls Made of Best Selected Sugar Maple, Mallets Painted with One Wide Band and Six Small Stripes, Fine Square Arch Wickets with Sockets, Mallets and Balls Wrapped in Fine Tissue Paper, Complete with Book of Rules for Playing, in Strong Box . . . . . $.

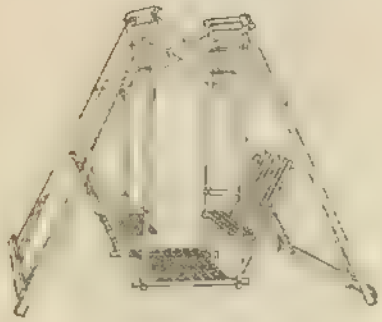
The best set that can be made of native wood. A fine and popular set.

Weight Per Crate 100 Pounds.

Three Sets in a Crate.

No. AA.

LAWN SWINGS



HERCULES

Made of Selected Material Throughout, Full Bolted, Adjustable Seats, Painted Red and Natural Varnished.

	Each
No. 4—Four Passenger, Height 8 ft., Spread 10 ft., Seat Capacity between Hangers 32 in.	$

EAGLE STEEL

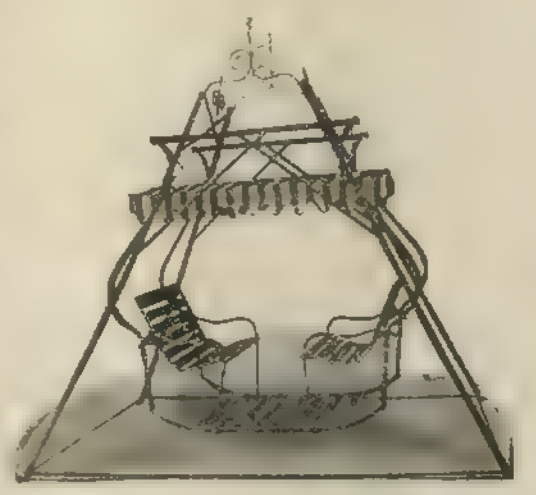
High Carbon Steel Frame.

	Each
No. 4—Four Passenger, Length 8 ft. Width 5½ ft., Height 7 ft. 4 in., Full Swinging Space 12 ft. Width of Seat 30 in., Height of Seat from Platform 17 in., Weight 200 Lbs.	$21 25

The slats for seats and platform are of selected hardwood. Nicely finished

This swing may be used as a swing, a reclining chair, or thrown perfectly flat for a couch.

Fitted with canopy top over the seats which may be removed by simply unfastening four hooks from the frame.



EXTRAS

A neat table that may be placed between the seats; adjustable steel head rests that may be raised, lowered or removed, which fasten to the back of the seat; side and end curtains if it is to be used as a couch at home or in the camp.

Table Complete	Each, $5.00
Adjustable Steel Head Rests	Per Set, 1.25
Side Shades—31 in. Wide	Each, 2 50
End Shades—31 in. Wide	Each, 2 25

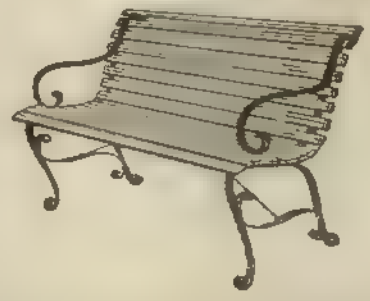
SETTEES

POPULAR ORNAMENTAL

Frame is of Flat Round Edge Steel 1½x1½ in., Seat and Back of Seasoned Maple Firmly Bolted, Highly Varnished.

Nos.	40	50
Length, Feet	4	5
Weight Each, Lbs.	65	75
Each	$7.00	8 00

IDEAL PARK



Steel Frame and Arm Rests, Seasoned Maple Slats, Firmly Bolted. Highly Varnished in the Natural Wood.

	Each
No. 4—Length 4 ft., for Yard, Porch or Inside Use. Weight Each 50 Lbs.	$5.50

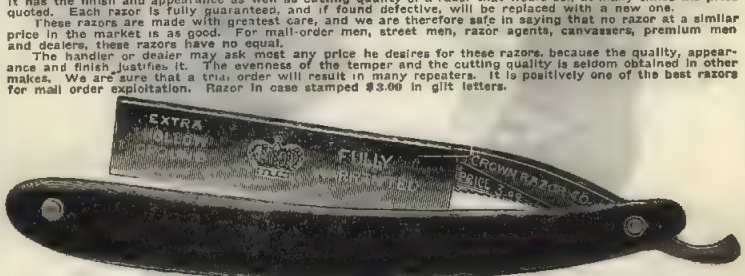
"Crown Razors"

A Good Judge of Razors will buy these. Each Razor Guaranteed

The Crown Razor is a special product in the razor line. Manufactured by the Crown Razor Co., of Boston, Mass. It is strictly high grade, made of best decarbonized American steel, by skilled mechanics. It has the finish and appearance as well as cutting quality of a razor that would sell at many times the price quoted. Each razor is fully guaranteed, and if found defective, will be replaced with a new one.

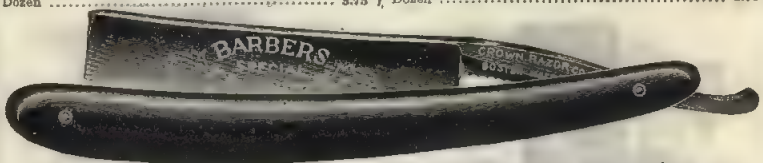
These razors are made with greatest care, and we are therefore safe in saying that no razor at a similar price in the market is as good. For mail-order men, street men, razor agents, canvassers, premium men and dealers, these razors have no equal.

The handler or dealer may ask most any price he desires for these razors, because the quality, appearance and finish justifies it. The evenness of the temper and the cutting quality is seldom obtained in other makes. We are sure that a trial order will result in many repeaters. It is positively one of the best razors for mail order exploitation. Razor in case stamped $3.00 in gilt letters.

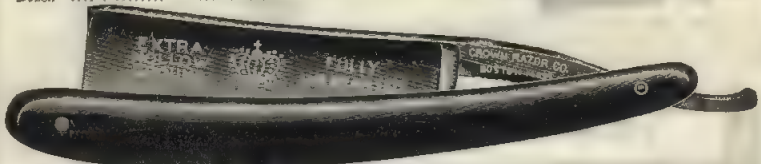


No. C 5585 Crown Razor, square point, extra hollow ground, ⅝-in. blade, highly polished black handle. Dozen 3.75

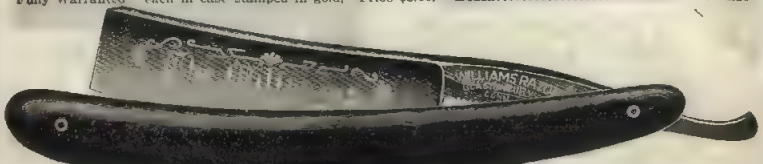
No. C 5586 Crown Razor, round point, ⅝-in. blade, extra hollow ground finish, polished black handle. Dozen 3.75



No. C 5595 Barber's Special Crown Razor, black handle, standard rounded pattern, ⅞-in. blade, square end, rounded back and shank, hollow ground, file tang, "Barbers Special" etched on face of blade, an all around barber's razor, fully guaranted and ready for use, put up in gilt stamped case, price on case "$3.00." Dozen 4.25

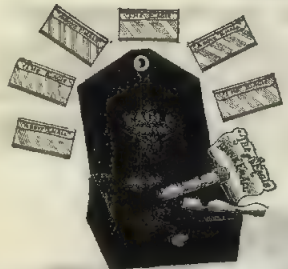


No. C 5594. Crown Razor, black handle, hollow ground razor, double shoulder, ⅝-in. blade, square end, round heel, well ground and highly polished, rounded back, file tang; etched on face "Extra Hollow Ground Fully Warranted" each in case stamped in gold, "Price $3.00." Dozen 4.50



No. C 5590 Williams Razors, satin black rubber handle, closed 5¾ in. long, standard shape, with ⅝ in. blade, square end, round back and shoulder, rounded heel, file tang, etched in gold on blade "Williams," on shank "Williams Razor Co., Glastonbury, Conn.," blade and shank highly polished. This razor is set ready for use and warranted to be in good shaving condition. If it does not prove satisfactory, it can be exchanged if returned in as good condition as when purchased. First class high grade razor in every particular. Comes in plush slip cover case. Dozen 9.00

Safety Razors



No. C5655. Eagle Junior Safety Razor. The principle of this razor is founded on scientific lines. The adjustment is poised to the proper shaving angle with precision. The blades are made of the best Sheffield steel. It possesses all the good qualities of all safety razors minus the defects of most. Taken in all, we here have at a small price a perfect, thoroughly satisfying safety razor, good enough for the rich man and cheap enough for the poor man. It will satisfy all.
Dozen sets 4.50

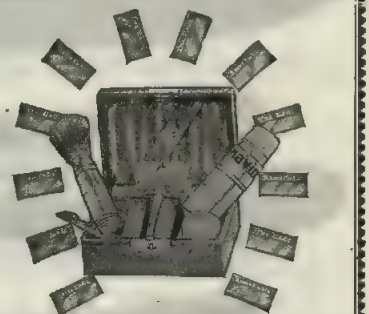
No. C5651. The "Above 'Em All" Eagle Razor Outfit consists of the Eagle safety razor, 6 blades and a high grade shaving brush and 1 Williams' shaving stick. Put up in compact case with snap button.
Dozen 7.00

Our "Special Safety" is One Remarkable Value

No. C5650. Our "Special" Safety Razor, is the simplest, effective device in this line ever constructed, fancy turned handle, polished nickel finish over all, the comb is soldered and fitted with a clamp device in back swivel hinged on to comb which slips on over the blade, holds it down solid and secure, the blade is always thus held firmly in proper position. For simplicity it cannot be beat. The blades as good as any safety razor holds, therefore this razor will perform the work of any high priced safety razor in the market. An excellent special proposition, complete with one blade, each in box.
Gross ..... 8.50 | Dozen ..... .75

No. C5650½. "Special" Safety Razor Blades, made of best razor steel, with one cutting edge, ready for use, in cutting quality equal to any blades offered, may be resharpened, one dozen in package.
Dozen ..... .25

No. C5656. Eagle Premier Safety Razor Outfit. Consists of frame, handle, stropper, 6 blades, nickeled collapsible Badger Bristle Brush, and nickeled soap case with a stick of Williams' Shaving Soap. Put up in a handsome velvet lined camera shaped leatherette case. Per dozen..... 8.75
Eagle Safety Razor Blades, dozen..... .35



No. C5658. Eagle DeLuxe Safety Razor Set, consists of finely finished handle, 12 blades, one Badgerine collapsible shaving brush in fine nickel plated tube, one bar of Williams' shaving soap in fine nickel case, put up in leather covered silk lined box with spring cover and leather snap clasp, case stamped in silver "DeLuxe $5.00." Per dozen sets..... 11.00

Globe Safety Razor
An Ideal Article for a Mail Order or Sheme Plan Selling

No. C5637. Globe Safety Razor. The wonder of the season in quality, finish appearance and utility. No doubt but that this is one of the best low priced razors made. Cut shows it reduced size. It is very simply constructed. The blade is readily put on and held securely by clamp. The handle is a scored pattern with polished ends; just like high priced goods. Blades sharpened on one side only. This is not a "make-believe" but actually a razor that will shave and give satisfaction. It opens a field for various schemes, mail order plans, premium plans. It may be exploited in various ways very profitably. Complete with one blade, each in tuck folder.
Gross ..... 15.00 | Dozen 1.30
No. C5638. Extra Blades, per dozen..... .25

Crown Fountain Pens

G.W. HUNTLEY & CO. CHICAGO

1863 1915

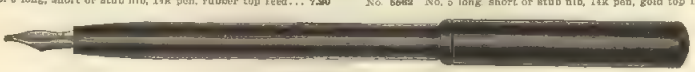
THE DEPENDABLE PEN. ALWAYS READY WHEN YOU WANT TO USE IT. **PRICES EACH**

The Crown Fountain Pen has two feeders on these pens, or under the gold top feed, is adjustable, regulates the flow of ink. It takes the ink to the point from which it is conducted through the slit to the point. The upper feeder takes the ink to the joint of the pen where the ink is supplied from below by capillary attraction. No matter how the pen is held with the slit it is a pen long short or stub nib, the flow of ink will be satisfactory.

The pen is made with two styles of top feeders, either rubber or gold top feed. (Lower feeder is always rubber.) Both styles work equally good.

Holders are made of the best Para hard rubber; gold pens of 14k gold with best selected hard iridium points. Gold pens fit into holder full size, not cut down at the heel. Pens are well made to last.

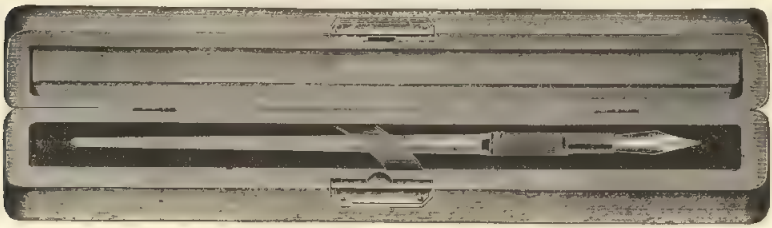
No. 5555	No. 2 long or stub nib 14k pen, rubber feed, each	No. 5559	No. 2 long or short nib 14k pen, gold top feed, each $4.50
No. 5556	No. 3 long or short nib 14k pen, rubber top feed, each 6.35	No. 5560	No. 3 long or short nib 14k pen, gold top feed, each 6.25
No. 5557	No. 4 long, short or stub nib, 14k pen, rubber top feed, 6.25	No. 5561	No. 4 long, short or stub nib, 14k pen, gold top feed ea. 7.20
No. 5558	No. 5 long, short or stub nib, 14k pen, rubber top feed... 7.20	No. 5562	No. 5 long, short or stub nib, 14k pen, gold top feed ea. 8.00



TAPER HOLDER—CONE CAP

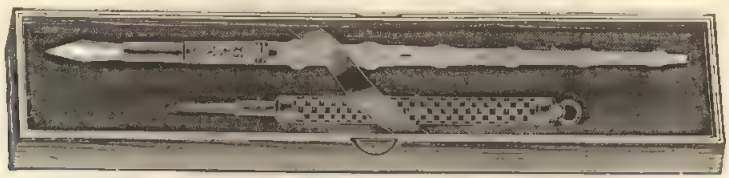
No. 5563	No. 2 long or short nib, 14k pen, rubber top feed, each $3.60	No. 5567	No. 2 long or short nib, 14k pen, gold top feed, each $4.50
No. 5564	No. 3 long or short nib, 14k pen, rubber top feed, each... 5.35	No. 5568	No. 3 long or short nib, 14k pen, gold top feed, each 6.25
No. 5565	No. 4 long, short or stub nib, 14k pen, rubber top feed, ea. 6.25	No. 5569	No. 4 long, short or stub nib, 14k pen, gold top feed, each 7.20
No. 5566	No. 5 long, short or stub nib, 14k pen, rubber top feed, ea. 7.20	No. 5570	No. 5 long, short or stub nib, 14k pen, gold top feed, each 8.00

Gold Pens and Holders in Cases



Handsome velvet case with pen and pearl holder, 3 sizes

		No. 1	No. 2	No. 3
No. 5571	14 karat ..... Per set,	$2.85	$3.35	$3.90
No. 5572	10 karat ..... Per set,	2.50	2.90	3.35

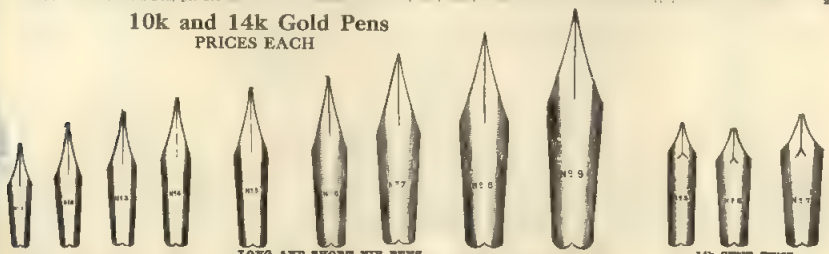


Gold Pen, in gold-plated, seamless, rustic, pearl desk holder, with ladies' gold-plated pencil, in plush lined box.

No. 5573	14 karat No. 1 Pen, per set	$3.80
No. 5574	10 karat No. 1 Pen, per set	2.50

10k and 14k Gold Pens

PRICES EACH



		No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	No. 9
		LONG AND SHORT NIB PENS								
14 karat.	Each..	$1.40	$1.80	$2.10	$2.50	$2.95	$3.75	$4.20	$5.40	$6.85
10 karat.	Each...	1.00	1.25	1.40	1.65	2.10	2.50	2.90	....	....

	14k STUB PENS		
No. 5	No. 6	No. 7	
$2.95	$3.75	$4.20	

Hatchets.

HAINES

SHINGLING

Refined Crucible Cast Steel, Full Polished, Bell Face, Adze Eye, Ground and Sharpened, Hickory Handle.

Nos.	H11	H12
Cut, Inches	3¼	3½
Weight Each	1 lb.	1 lb. 4 oz.
Approx. Wt. Per Dozen, Lbs.	21	24
Per Dozen	$17.75	18 90

Weights EACH Do Not Include Handle.
One-half Dozen in a Box.

LATHING

Refined Crucible Cast Steel, Full Polished, Bell Face, Adze Eye, Ground and Sharpened, Hickory Handle.

No.	H41
Cut, Inches	2¼
Weight Each	1 lb.
Approx. Weight Per Dozen, Lbs.	21
Per Dozen	$17.75

Weights EACH Do Not Include Handle.
One-half Dozen in a Box.

BARRELING VULCAN

Solid Cast Steel, Forged and Tempered, Jet Black Finish, ¾ x ⅞ in. Scored Head, 10¼ in. Hickory Handle.

No.	130
Cut, Inches	2¼
Length of Head, Inches	5½
Weight Each, Oz.	10
Approx. Wt. Per Dozen, Lbs.	14
Per Dozen	$8.90

Weight EACH Does Not Include Handle.
One-half Dozen in a Box

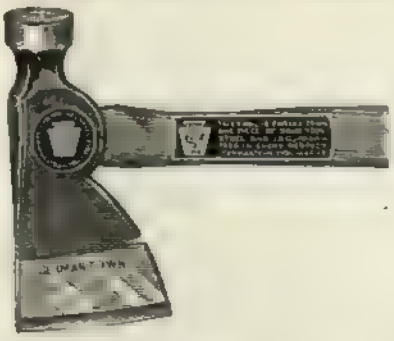
BARRELING SAYRE'S

Extra Quality Tool Steel, Full Polished, 1 in. Scored Head, 12 in. Hickory Handle.

No.	129
Cut, Inches	2¼
Length of Head, Inches	5½
Weight Each, Oz.	12
Approx. Wt. Per Dozen, Lbs.	16
Per Dozen	$12 80

Weight EACH Does Not Include Handle
One-half Dozen in a Box.

CAR BUILDERS' GERMANTOWN TOOL WORKS

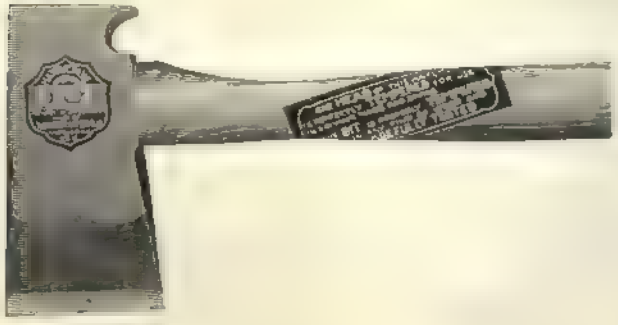


Warranted Solid Tool Steel, Scored Head, Octagon Neck, Round Poll, Fire Bronzed, Ground and Sharpened, Hickory Handle.

No.	0318
Cut, Inches	3½
Weight Each	1 lb 3 oz.
Ap. Wt. Per Dozen, Lbs.	20
Per Dozen	$16 70

Weight EACH Does Not Include Handle
One-half Dozen in a Box.

Hatchet Axes.



Tempered Head and Blade, Carefully Tested.

	Per Dozen
No. 2—Dadz Hatchetaxe, Cast Steel, Red Body, Polished Poll, Black Bit, Cut 3½ in., Weight Each 1¾ Lbs., 14 in Hickory Handle, Approx. Weight Per Dozen 30 Lbs.	$8 80

This Tool is designed for Household Use.

Weight EACH Does Not Include Handle.

One-half Dozen in a Box.

Hatchets.

BADGER STATE

SHINGLING

Cast Steel, Gold Bronzed, Polished Head and Bit, Hickory Handle.

Nos.	111	112	113
Cut, Inches	3½	3⅞	4⅜
Weight Each	1 lb. 1 oz.	1 lb. 7 oz.	1 lb. 13 oz.
Ap. Wt Per Dozen, Lbs.	25	30	34
Per Dozen	$8.35	8.90	9.45

Weights EACH Do Not Include Handle.
One-half Dozen in a Box.

CLAW

Cast Steel, Gold Bronzed, Polished Head and Bit, Hickory Handle.

Nos.	121	122	123
Cut, Inches	3½	3⅞	4⅜
Weight Each	1 lb 3 oz.	1 lb 9 oz.	1 lb. 15 oz.
Ap. Wt Per Dozen, Lbs.	25	30	34
Per Dozen	$9.45	10.00	10.55

Weights EACH Do Not Include Handle.
One-half Dozen in a Box

USONA

SHINGLING

Forged Tool Steel, Black Painted, Polished Head and Bit, Hickory Handle.

Nos.	U11	U12	U13
Cut, Inches	3½	3⅞	4⅜
Weight Each	1 lb. 1 oz.	1 lb. 7 oz.	1 lb 13 oz
Ap Wt Per Dozen Lbs	25	30	34
Per Dozen	$8 35	8.90	9.45

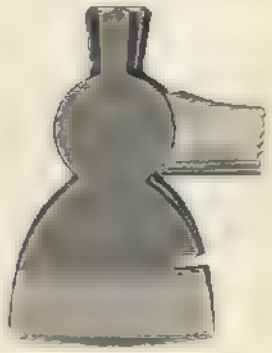
Weights EACH Do Not Include Handle.
One-half Dozen in a Box

CLAW

Forged Tool Steel, Black Painted, Polished Head and Bit, Hickory Handle.

Nos.	U21	U22	U23
Cut, Inches	3½	3⅞	4⅜
Weight Each	1 lb. 3 oz.	1 lb. 9 oz.	1 lb. 15 oz
Ap. Wt. Per Dozen, Lbs.	25	30	34
Per Dozen	$9.45	10.00	10.55

Weights EACH Do Not Include Handle.
One-half Dozen in a Box



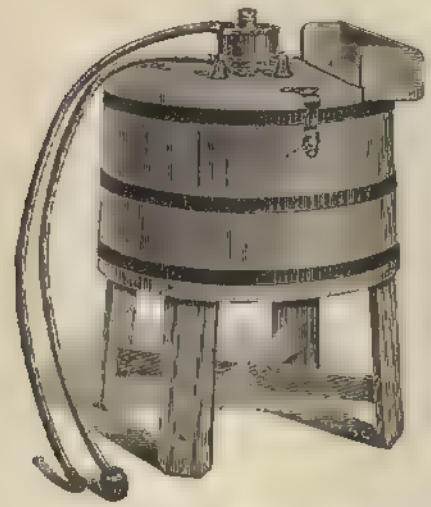
Cast Iron Hatchets.

SHINGLING

Solid Cast Iron, Red Finish, Ground and Sharpened, Polished Bit, Hardwood Handle.

No.	1152
Cut, Inches	3½
Weight Each	1 lb. 6 oz
Approx. Weight Per Dozen, Lbs.	21
Per Dozen	$3 00

Weights EACH Do Not Include Handle.
One-half Dozen in a Box



WASHING MACHINES

DAUNTLESS WATER MOTOR

Each

Dauntless—Family Size, Selected Red Cypress Tub, Varnished, Corrugated Inside Sides and Bottom, Strong Brass Motor, Bolted Hardwood Legs, Strong Two-Ply Lid, Three Extra Heavy Steel Hoops, Complete with Inlet and Outlet Hose.....$

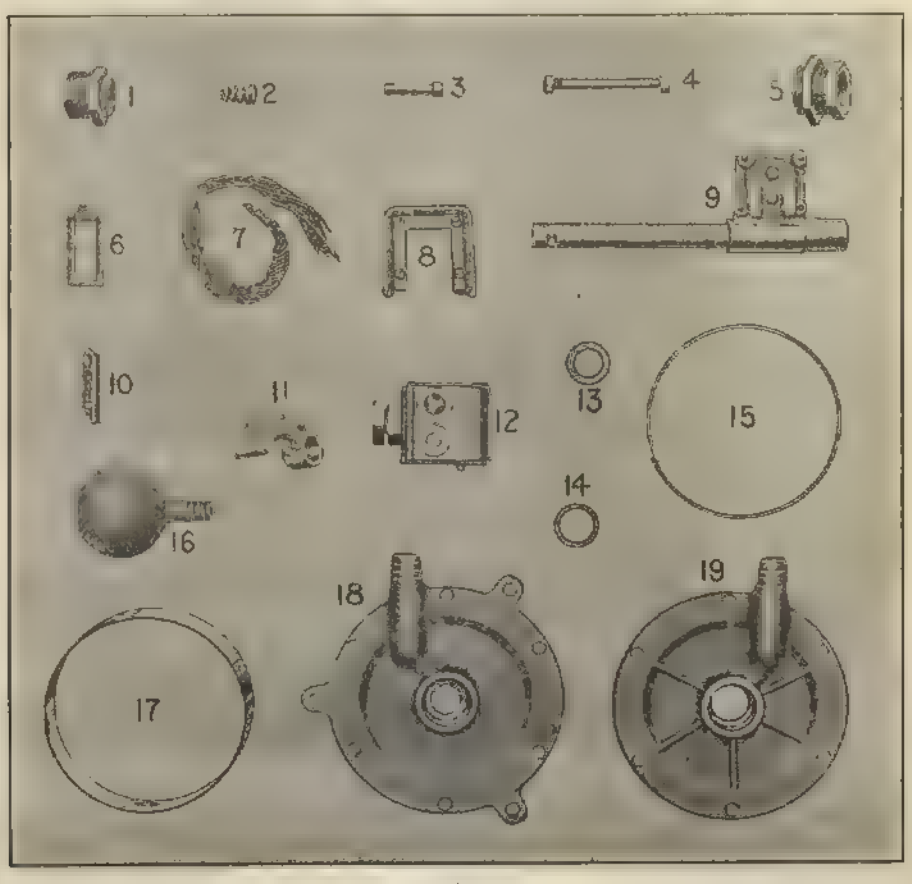
This machine is euipped with a low-pressure, gearless motor, strongly built from brass and placed centrally over the load The great leverage obtained allows the motor to carry the load with ease on a low water pressure. The water, after passing through the motor is perfectly clean and may be used for rinsing, bluing, etc.

The outlet hose is provided with a weight which holds it in the sink or tub while motor is in operation

The Dasher in this machine is of the non-tearing type and there is no danger of clothes getting cut or torn

Weight Each Crated 75 Pounds.

EXTRA PARTS FOR DAUNTLESS WATER MOTOR WASHING MACHINES



		Each
No. 1	—Top Head Stuffing Box.	$0 30
No. 2	—Spring	05
No. 3	—Spring Cup Pin.	06
No. 4	—Bolt and Nuts for Holding Motor Together.	.10
No. 5	—Lower Stuffing Box and Lock Nut. . . .	.35
No. 6	—Leather for Valve Chamber End	10
No. 7	—Stuffing Box Packing.	10
No. 8	—Piston Leather	.35
No. 9	—Piston	1.80
No. 10	—Valve Chamber Abutment Leather. . . .	.14
No. 11	—Spring Cup	.80 24
No. 12	—Valve Chamber, Complete.	2 25
No. 13	—Lower Stuffing Box Leather Washer.	03
No. 14	—Top Stuffing Box Leather Washer.	03
No. 15	—Lead Packing for Heads.	05
No. 16	—Improved Splasher for End of Outlet Hose.	.20
No. 17	—Cylinder	1 22
No. 18	—Lower Head	2 95
No. 19	—Top Head	2 95

WASHING MACHINES

MAGIC WATER MOTOR

Each

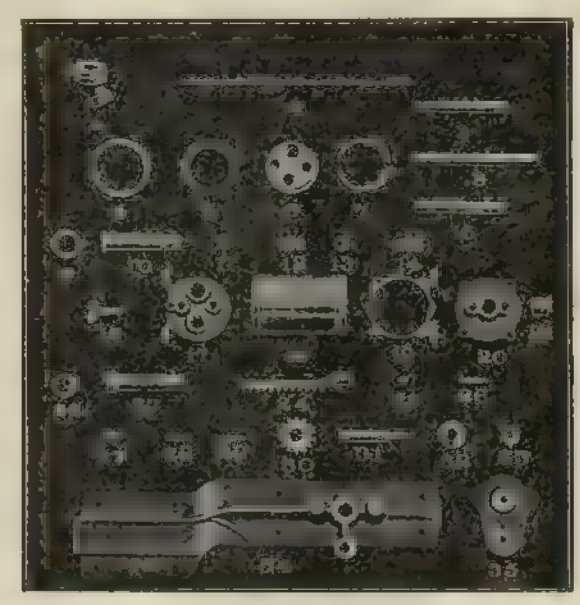
Magic Motor—Family Size, Selected Louisiana Cypress Tub, Varnished, Corrugated Inside Sides and Bottom, Brass Motor is Perfectly Machined and has Black Enameled Gear Guard, Bolted Hardwood Legs, Two-Ply Over-Lapping Lid, Galvanized Tub Trimmings, Three Extra Heavy Steel Hoops, Complete with Wire Wound Inlet and Outlet Hose . . . . . $. .

Will operate successfully with a pressure of 30 pounds or over. The motor is made of brass and is perfectly machined. There are no small parts to get out of order and all parts are easily accessible. A large roller keeps the rack bar, which operates the agitator shaft, firmly in line. The top of this roller is concaved slightly in order to retain a small quantity of oil, thus keeping the shaft upon which it turns constantly lubricated. There are but three places that require oiling on this motor. A simple device for draining the motor is provided for use when it is necessary to keep the machine where it is apt to freeze during cold weather.

All working parts are carefully guarded so that there is not the least danger of the operator's clothes coming in contact with them.

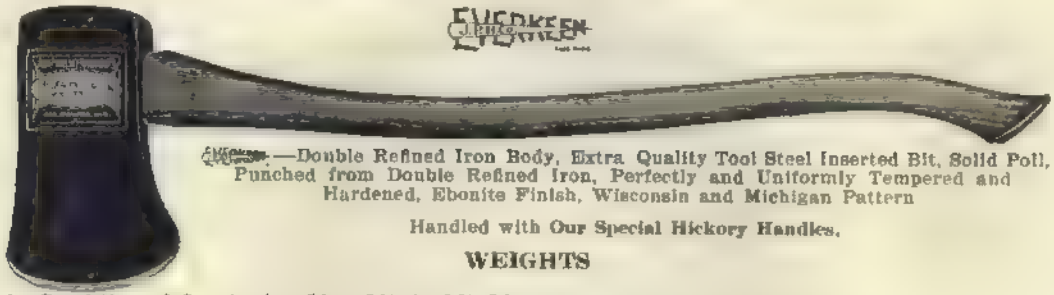
Weight Each Crated 76 Pounds

EXTRA PARTS FOR MAGIC WATER MOTOR WASHING MACHINES



		Each
No. 1	Royal Connection for Smooth Faucet	$0 50
No. 2	Piston Rod Packing	05
No. 3	½ in. Exhaust Tube	25
No. 4	Cylinder Head Gasket	05
No. 5	Cup Leather for Piston	15
No. 6	Piston	1.00
No. 7	Cup Leather Ring	.30
No. 8	½ in. Piston Rod	.30
No. 9	Hose Connection for Outlet Pipe	.10
No. 10	Outlet Pipe	.50
No. 11	Hexagon Inlet Valve Seat Nut	.15
No. 12	Inlet Valve	25
No. 13	Exhaust Valve Seat	.10
No. 14	Exhaust Valve	25
No. 15	½ in. Tube	.25
No. 16	Drain Plug	.10
No. 17	Back Cylinder Head	1.00
No. 18	Cylinder	1.00
No. 19	Bracket Ring for Cylinder	.50
No. 20	Front Cylinder Head	85
No. 21	Packing Nut for Piston Rod	.15
No. 22	Lock Nut	.10
No. 23	Inlet Pipe	$0.50
No. 24	Gear Rack	50
No. 25	Brass Screw for Inlet Valve Seat Nut	02
No. 26	Pin for Gear	02
No. 27	Hexagon Nut for Spring Pin	.04
No. 28	Spring	04
No. 29	Spring Pin	04
No. 30	Gear	35
No. 31	Roller Stub	25
No. 32	Roller	.25
No. 33	Hexagon Nut for Gear Guard	05
No. 34	Base Casting for Motor	1.25
No. 35	Gear Guard	25
No. 36	Inlet Hose (not Illustrated)	.60
No. 37	Outlet Hose (not Illustrated)	.50
No. 38	Lid Fastener (not Illustrated)	.15
No. 39	Side Handle with Plate (not Illustrated)	.10
No. 40	Small Collar for Dasher (not Illustrated)	.05
No. 41	Large Collar for Dasher (not Illustrated)	.10
No. 42	Cap or Shield for Dasher (not Illustrated)	.10
No. 43	Inside Wheel or Dasher (not Illustrated)	.35

Men's Handled Axes.



—Double Refined Iron Body, Extra Quality Tool Steel Inserted Bit, Solid Poll, Punched from Double Refined Iron, Perfectly and Uniformly Tempered and Hardened, Ebonite Finish, Wisconsin and Michigan Pattern

Handled with Our Special Hickory Handles.

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	$22 25
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	22 80
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	23 35

Handled with 36 in. 4X Hand Shaved Second Growth Hickory Handles.

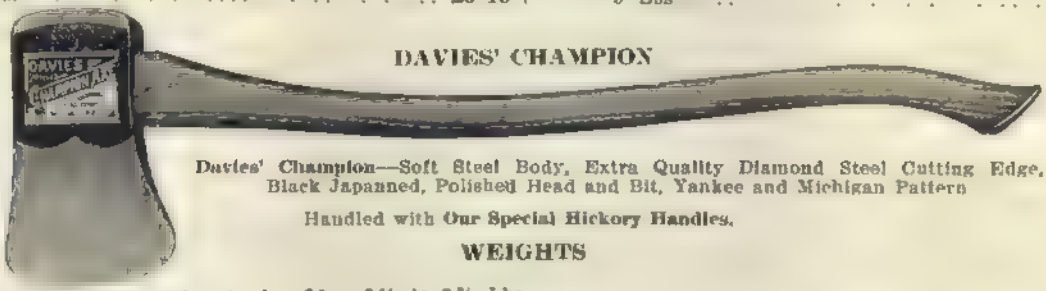
WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	$25.00
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	25.55
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	26 10

Handled with 36 in. 6X Hand Shaved Second Growth Hickory Handles.

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	$25 55
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	26.10
Group No. 3 Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	26 65



DAVIES' CHAMPION

Davies' Champion—Soft Steel Body, Extra Quality Diamond Steel Cutting Edge, Black Japanned, Polished Head and Bit, Yankee and Michigan Pattern

Handled with Our Special Hickory Handles.

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	$20.35
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	20.90
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	21 45

Handled with 36 in. 4X Hand Shaved Second Growth Hickory Handles.

WEIGHTS

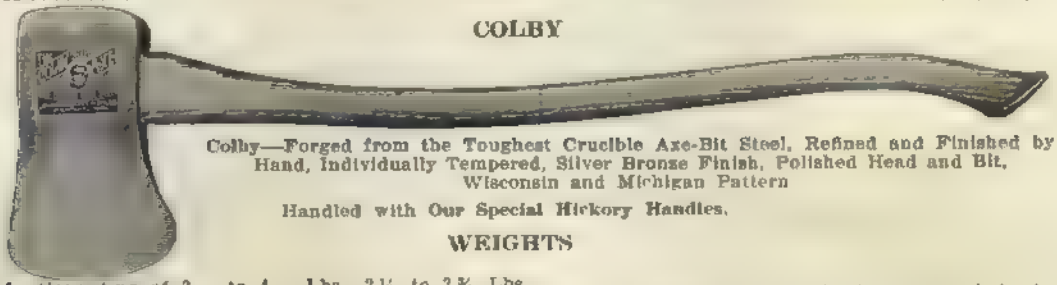
	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	$23 10
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	23.65
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	24 20

Handled with 36 in. 6X Hand Shaved Second Growth Hickory Handles.

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	$23.65
Group No. 2 Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	24 20
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	24.75

COLBY



Colby—Forged from the Toughest Crucible Axe-Bit Steel, Refined and Finished by Hand, Individually Tempered, Silver Bronze Finish, Polished Head and Bit, Wisconsin and Michigan Pattern

Handled with Our Special Hickory Handles.

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	$20 90
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	21 45
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	22 00

Handled with 36 in. 4X Hand Shaved Second Growth Hickory Handles.

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	$23.65
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	24.20
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	24.75

Handled with 36 in. 6X Hand Shaved Second Growth Hickory Handles.

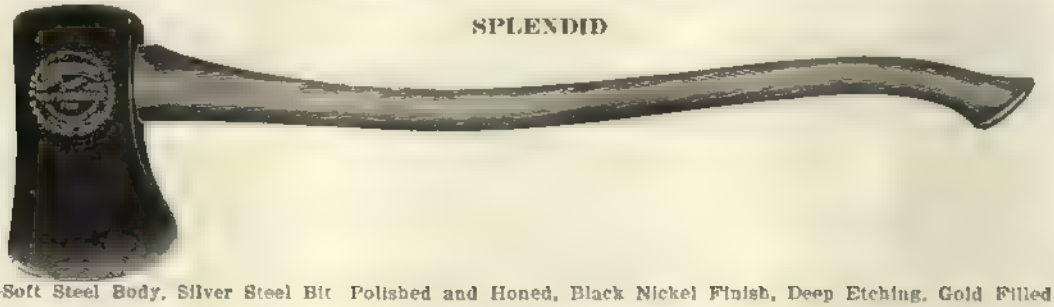
WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	$24 20
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	24 75
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	25.30

All Above, Average Weight Per Dozen About 80 Pounds
One Dozen in a Crate.

Men's Handled Axes.

SPLENDID



Splendid—Soft Steel Body, Silver Steel Bit Polished and Honed, Black Nickel Finish, Deep Etching, Gold Filled, Wisconsin and Michigan Pattern.

Handled with 36 in. 4X Hand Shaved Second Growth Hickory Handles.

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3⅛ to 3⅝ Lbs.	$25 35
Group No. 2—Consisting of 3⅛ to 4⅛ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	26 00
Group No. 3—Consisting of 3⅝ to 4⅝ Lbs., 4 to 5 Lbs.	26 45

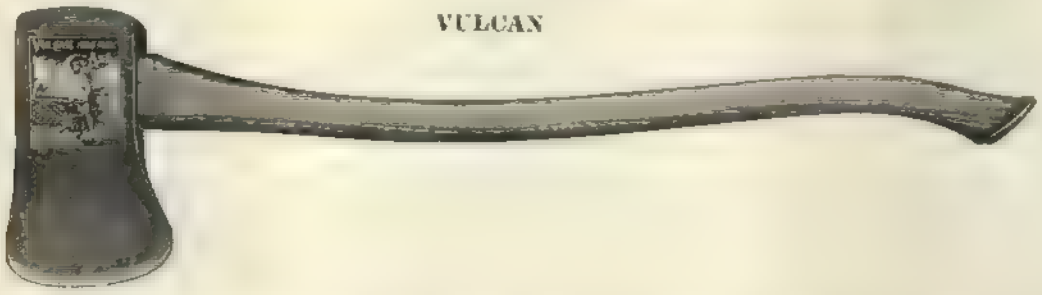
Handled with 36 in. 6X Hand Shaved Second Growth Hickory Handles.

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3⅛ to 3⅝ Lbs.	$26.00
Group No. 2—Consisting of 3⅛ to 4⅛ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	26.45
Group No. 3—Consisting of 3⅝ to 4⅝ Lbs., 4 to 5 Lbs.	27.00

Average Weight Per Dozen 80 Pounds

One Dozen in a Crate.

VULCAN



Vulcan—Soft Steel Body Highest Grade Crucible Steel Bit, Hand Hammered, Natural Gas Tempered and Forged, Natural Black Finish, Honed Cutting Edge, Wisconsin and Michigan Pattern

Handled with Our Special Hickory Handle.

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3⅛ to 3⅝ Lbs.	$20.35
Group No. 2—Consisting of 3⅛ to 4⅛ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	20.90
Group No. 3—Consisting of 3⅝ to 4⅝ Lbs., 4 to 5 Lbs.	21.45

WEIGHTS

Handled with 36 in. 4X Hand Shaved Second Growth Hickory Handles.

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3⅛ to 3⅝ Lbs.	$23.10
Group No. 2—Consisting of 3⅛ to 4⅛ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	23.65
Group No. 3—Consisting of 3⅝ to 4⅝ Lbs., 4 to 5 Lbs.	24.20

WEIGHTS

Handled with 36 in. 6X Hand Shaved Second Growth Hickory Handles.

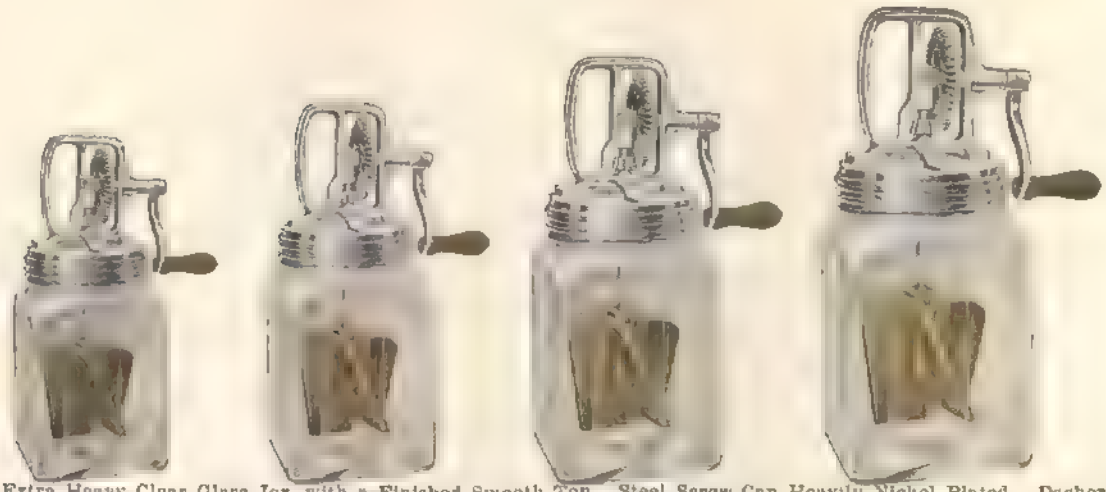
	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3⅛ to 3⅝ Lbs.	$23.65
Group No. 2—Consisting of 3⅛ to 4⅛ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	24.20
Group No. 3—Consisting of 3⅝ to 4⅝ Lbs., 4 to 5 Lbs.	24.75

Average Weight Per Dozen 80 Pounds

One Dozen in a Crate.

Churns.

DAZEY



Extra Heavy Clear Glass Jar, with a Finished Smooth Top. Steel Screw-Cap Heavily Nickel Plated. Dasher of White Maple Thoroughly Seasoned. Dash Rod of Steel, Tinned, Making it Rust Proof. Frame Cast in One Piece. Natural Finish Wood Handle. Gears Carefully Fitted to Run Smooth and Noiseless. All Castings Double Aluminum Coated.

Nos.	10	20	30	40
Capacity, Pints	3	5	7½	9
Churning Capacity, Pints	2	3	4	6
Height Over All, Inches	11	12	13	14
Approx. Weight Each, Lbs	3	5	7	8
Approx. Weight Per Dozen, Boxed, Lbs.	60	85	115	135
Per Dozen	$20.65	29.35	35.60	49.30

EXTRA GLASS JARS FOR DAZEY CHURNS

Nos.	10J	20J	30J	40J
Approx. Weight Per Dozen, Boxed, Lbs.	40	55	80	90
Per Dozen	$4.35	7.10	10.00	14.00

THE DAZEY PRINCIPLE

The **Dazey** Patent Dasher is designed along the lines of the powerful propellers that drive our modern ocean liners, produces an agitation, equalled by no other butter maker.

Any churn will agitate and make butter, but the **Dazey** is the only one that produces butter in its **natural condition.**

In place of breaking the delicate tissues in which the butter fat or oil is contained and bringing this into a mass, the **Dazey** dasher drives the cream across the slanting wings and tenderly rolls up the tiny globules in their natural condition into grains about the size of rice.

During this building up process the casein and other butter making properties in cream, usually lost with other churns sticks to and rolls up with the butter globules, which is the reason the **Dazey** makes **more butter.**

The hard uniform size grains during this building up process have squeezed out all the milk, therefore to wash off outside of grains is all that is necessary, which absolutely does away with butter working.

Sanitary—Because nothing to absorb the cream and become rancid as with wooden churns. Can be sunned without warping and without handling entire churn. Just lift the receptacle out.

Cleaning Is as easily accomplished as cleaning an ordinary tin pail because there are no cracks or complicated gearings inside. Not a single bearing inside of receptacle.

Temperature Correct for churning is quickly obtained by placing the receptacle or the whole churn in hot or cold water.

Time The powerful dasher aided by the square corners of receptacle, produces a scientific agitation making it possible to churn in from 2 to 5 minutes.

Yield More butter is produced with the **Dazey** Dasher by rolling all butter making properties up with the butter fat into grains.

Labor Working of butter is eliminated by the **Dazey;** because the globules in building up in their natural condition have squeezed out all the milk and formed into hard uniform sized grains. To wash off outside of grains is all that is necessary.

Churns.

DAZEY

No. 2

No. 1

No. 4

No. 3*

SPECIFICATIONS

Base—Best Gray Iron.

Covers—Two Piece White Maple.

Dasher—Seasoned White Maple

Knobs—Nos 1 and 2 Wood, Nos 3 and 4 Porcelain

Dash Rods—Nos. 1 and 2 Steel, Heavily Tinned
Nos 3 and 4 Steel, Heavily Nickeled

Gears—Nos. 1, 2 and 4 Heavy Cast Iron
No. 3 Machine Cut

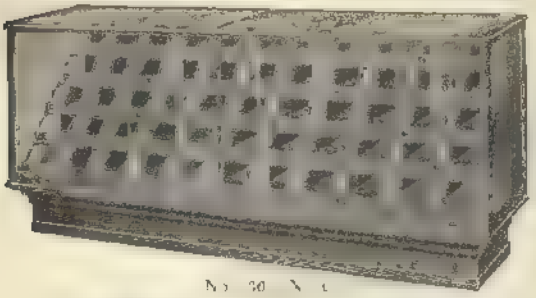
Faucets Nos 1 and 4 Brass, Nickel Plated
No 3 White Metal, Nickel Plated
No 2 Cork Lined Screw Cap Drain

Receptacles Nos. 1 and 2, 2x Triple Plated Tin
Nos. 3 and 4, 6x Triple Plated Tin

Finish All of Frame Aluminum Coated
Receptacle Outside Enameled Blue.

Nos.	2	1	4	3
Capacity Gallons	[illegible]	6	14	28
Churning Capacity, Gallons	2	4	12	18
Base Spread Inches	9	12	19	23
Height Over All, Inches	23	31	47	48
Approx. Weight Each, Lbs.	11	27	70	197
Approx. Weight Each, Crated, Lbs.	17	37	100	2[illegible]
Each	85 25	8.80	27 75	60 [illegible]

*No. 3 Not Carried in Stock. For Shipment from Factory Only



No. 30 Nest

A Better Way to Sell Paint Brushes

A display in this special brush case keeps the brushes in good shape and clean.

The interior is a tier of drawers, each drawer removes separately. Large drawers in bottom row for wall wash brushes. Made regularly in oak or mahogany, shipped knocked down. Send for details.

DETROIT SHOW CASE CO

480 West Fort Street, Detroit, Mich.

New York Salesroom: 24-26 W. 30th St.
Makers of "Almetal" copper store front construction

"Red Devil" display easels

will bring you sales that you can hardly make without them. They remind customers of their tool needs and keep them busy looking at the tools while waiting to be waited on. They are handsome, eye-catching ornaments on your counters or in your show windows. In other words, they are

Assistant Salesmen for your store that ask no salary

They are mounted on handsomely finished wooden boards (8x12 in.), as shown by the cut.

Write for particulars today.

SMITH & HEMENWAY CO., Inc.
190 Chambers St., New York City.

SHELF BOXES

TO ORDER

HENRY H. SHEIP MFG. CO.

Columbia Ave. and Randolph St. Philadelphia, Pa.

AMERICAN STEEL FENCE POST

Cheaper than wood and more durable. Millions in use giving perfect satisfaction. Easily placed, saving labor fence building. We stand back of these posts with hearty support. For sale by dealers everywhere. Send for literature.

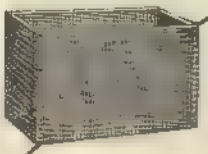
Awarded the Grand Prize at the Panama-Pacific Exposition

Made by

American Steel & Wire Company

Chicago New York Cleveland Pittsburgh Worcester Denver

Export Representative: U. S. Steel Products Co., New York
Pacific Coast Representative: U. S. Steel Products Co.
San Francisco Los Angeles Portland Seattle



For Over 30 Years
"Green's" Hardware

SHELF BOXES

Have been giving satisfaction in thousands of Retail Stores throughout the U. S.

Write for price list

The A. H. GREEN CO.

97 Warren St. New York

From PIG IRON To
GALVANIZED MALLEABLE MARINE HARDWARE
IN OUR OWN PLANT
WRITE US FOR PRICES

MALLEABLE IRON FITTINGS COMPANY, Branford, Connecticut, U. S. A.

WE MAKE BELLS of every description for Hardware Saddlery and Toy trade, also for the manufacturers of Electrical Bells, Telephones, Clocks, Recorders, Registers, Typewriters, etc., etc. Special sizes made to order.

The N. N. HILL BRASS CO., East Hampton, Conn.

ONTARIO KNIFE COMPANY
FRANKLINVILLE, N. Y.
WE SELL EXCLUSIVELY TO THE WHOLESALE TRADE
KNIVES

If you are a wholesale dealer and have not our catalog and prices, you should write for them at once.

BUTCHER	SHEATH	KITCHEN	PUTTY
SKINNING	SLICING	CANNING	BEET
STICKING	CORN	FISH	CLAM
BONING	SHOE	VEGETABLE	TABLE

Household Knives, Table Cutlery, Household Cleavers Flesh Forks, Spatulas
Also a full line of Cutlery with Aluminum Handles

Make Double-Quick Sales on These Coasters—
without effort or expense on your part

ONE MILLION Boys Every Month
are reading [illegible] about our Coasters—their superior strength and beauty and [illegible]. These coasters are selling by the quickest sales [illegible] ever experienced.

Our Special Proposition to You
Costs you not a cent [illegible] amount of work [illegible] ten or more coasters at a time [illegible]

Full details of this new money-making plan which we devised for the benefit of our dealer friends, are in our *Special Dealers' Folder*. Write for it.

Get our [illegible] and other [illegible] together we'll start things coming quick. So just put your name and address down on a postal and mail it now

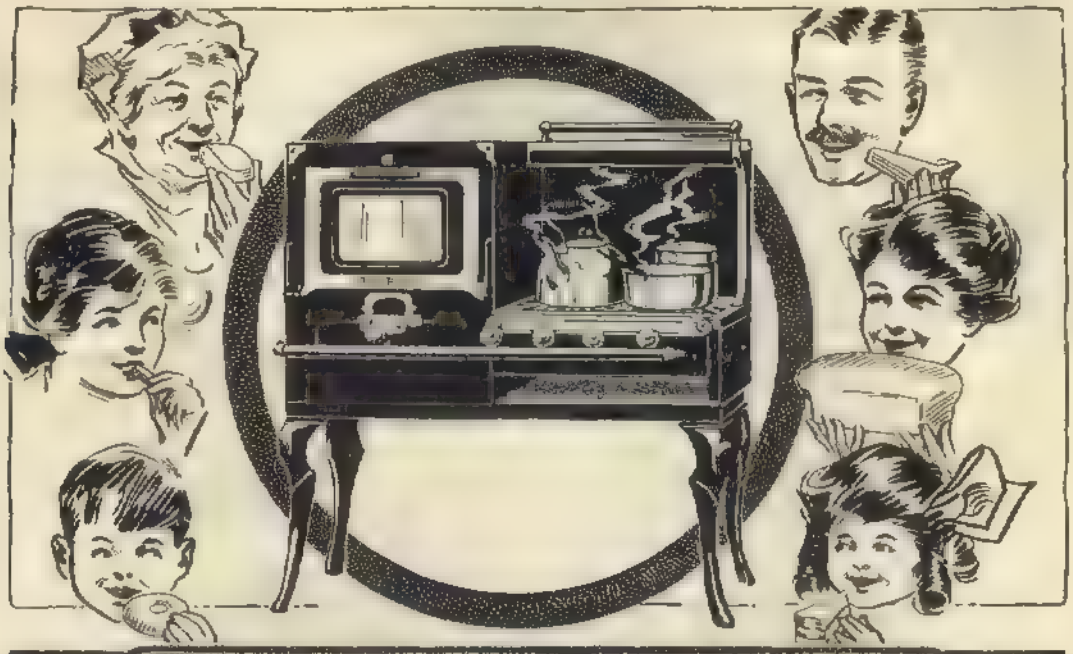
BUFFALO SLED COMPANY
Dept B, North Tonawanda, New York.
Factories:—No. Tonawanda, N. Y.—Preston, Ont.
New York Office:—135 Chambers Street.

Berger's Wrought Star Ears

This is as fine an ear as can be made. Every piece is perfect, with fine finish, nicely tinned, same size and thickness as our malleable Star Ears. No. 30 corresponds to malleable No. 3, etc. Furnished in gross boxes or in bulk to suit the purchaser.

Samples Mailed Free Upon Request.

BERGER BROS. CO., - Manufacturers
OFFICE 229-231 Arch Street STORE 237 Arch Street
WAREROOMS AND FACTORY, 100-114 Bread Street
PHILADELPHIA



DETROIT VAPOR STOVES
Work Like Gas

BURN OIL AND GASOLINE

A Friend of All the Family

They cook and bake to perfection. Every buyer becomes a friend and our big National Advertising Campaign is getting folks better and better acquainted with the many good points of Detroit Vapor Stoves.

Nation wide interest is being created, and the dealer who has or secures the exclusive agency for Detroit Vapor Stoves in his locality enjoys the sole rights on a big spring and summer seller.

Before closing up on your gasoline and oil stove line, wait to see our representative or write our factory for details.

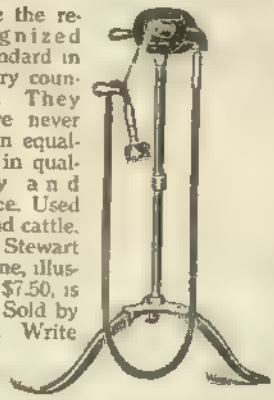
The Detroit Vapor line is complete from the small hot plate to the handsomest cabinet range.

Every stove is equipped with our patented giant burners which give cooking results equal to city gas. In writing ask for our new catalogue 23.

THE DETROIT VAPOR STOVE CO.
DETROIT, MICH. (31)

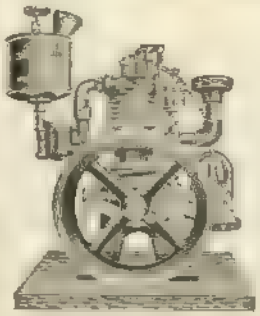
Products of Superior Quality for Hardware Dealers

Stewart Horse Clipping Machines



Are the recognized standard in every country. They have never been equaled in quality and price. Used on horses, mules and cattle. Our enclosed gear Stewart Ball Bearing machine, illustrated, to retail at $7.50, is exceptional value. Sold by jobbers everywhere. Write for catalogue. Don't miss this line for spring trade.

Stewart Small Gasoline Engines



Made only in ¼, 2 and 3 h. p. sizes. Our small engines are thoroughbreds and noted for their superior quality. In design, materials, workmanship and finish they excel and are worth every cent we ask for them. Sold to one dealer only in each locality.

Write for prices and exclusive agency proposition.

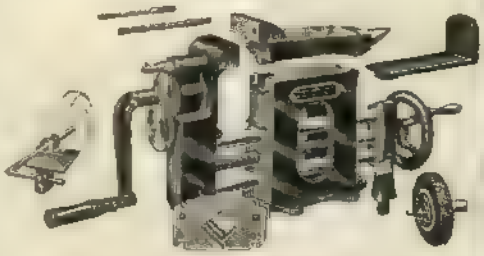
Princess Electric Iron

has not been excelled by any make at any price. Costs little, but always makes good, because well made and well finished.

Stewart Sheep Shearing Machines

We make a complete line of hand and power operated machines, suitable for flocks of from five sheep up. They run easy, shear fast, get all the wool. Used extensively in every sheep growing country. Sell to the user from $9.75 up. From your jobber or write for catalogue and prices.

Stewart Handy Worker



The practical home repair outfit. Weighs, boxed, 90 pounds. Comprises a strong steel-faced vise, opens to 4½ inches; all steel pipe vise for up to 1¼ inch pipe; strong, sturdy anvil and cutting hardie; two-speed drill press and corundum grinder. A good seller; and always pleases.

Fetlock and Toilet Clippers

WRITE FOR CIRCULAR
PRICES WILL SURPRISE YOU.

CHICAGO FLEXIBLE SHAFT COMPANY

La Salle St., Chicago, U. S. A. New York Branch: 16 and 18 Reade St.

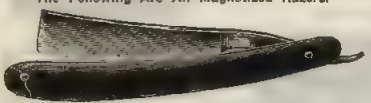
Razors

Exceptional Values
Fine Appearance and Finish

Each in Case Stamped in Gilt Letters "Price $3.00"

No. C5543. Razor, ⅝ inch, square point blade, hollow ground, file tang, flat mottled celluloid handle in assorted colors, very rich appearance.
Per dozen 2.10

The Following Are All Magnetized Razors.



No. C5535. Razor, ⅝ inch square point blade, full buffed polished, hollow ground, well finished and made, polished black handle, full size, very good quality at the price. Will give satisfaction; exceptionally good article for a scheme purpose. Each in case.
Per dozen 2.25

No. C5536. Razor, ⅝ in. blade; square point, buffed polished, hollow ground, file tang, polished, white bone handle. This razor will give satisfaction, it is well made, full size and of good shape. Each in case.
Per dozen 2.25

No. C5544. Razor, ⅝ inch blade, extra hollow ground, fine crocus polished, round point, composition handles, metal finished in assorted rich colors. Each in case stamped "Price $3.00." Per dozen..... 2.50

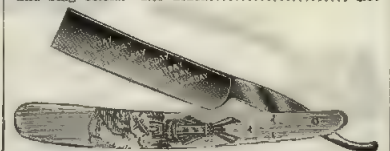
No. C5526. Razor, ⅝ in. square point hollow ground blade, good quality steel, buffed polished; will give satisfaction; file tang, white handle with raised design of peacock in color, each in case.
Per dozen 2.50

No. C5542. Razor, ⅝ in. square point hollow ground, well finished blade, special composition handle with embossed design of horsehead, whips and horseshoe and fancy ends in rich brown and white tints.
Per dozen 2.50

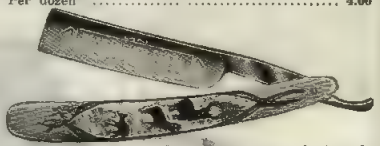
No. C5550. Razor, (W. H. Morley & Sons), full hollow ground, ⅝ in. blade, warranted best English steel, square point, file tang, finely polished blade, black rubber handle, embossed "Clover Brand;" each in leatherette case stamped $2.50. Dozen..... 4.00

ENGLISH STEEL RAZORS.

No. C5518. "Shave Easy" Razor, best English steel, full hollow ground, square point, well polished, blade with etched design and wording, ⅝ inch blade, white celluloid handle, ornamented with a mountain scene and stag colors. Per dozen..... 4.00



No. C5519. "7 Day" Razor, best English steel, full hollow ground, well polished, square point, blade inscribed with every day of the week from Sunday to Saturday, white celluloid handle, one side ornamented with Dutch windmill, raised effect in color.
Per dozen 4.00



No. C5520. Razor, full hollow ground, finely polished, square point, ⅝ inch blade, file tang, blade etched with design and inscription "Best English Steel;" with celluloid handle with raised landscape picture scene of 3 deer in colors. Dozen..... 4.00

No. C5516. Dieckman's Special Razor, ⅝ in., square point, full hollow ground, fine English steel blade with etching, well finished, white celluloid handle with embossed Crane design in rich tints. Dozen..... 4.00

CHAMPAGNE TAPS

Per Dozen

No. 530½ Composition Metal, Highly Nickel Plated and Polished, Screw Shank, Air Tight and Easily Cleaned, with Gimlet.....$....

Per Dozen

No. 1000 Composition Metal Highly Nickel Plated and Polished, Screw Shank, Gas Tight, Easily Cleaned, with Gimlet.....$....

One in a Box.

PERFECTION BOTTLE STOPPERS

Metal, Nickel Plated.

Per Dozen

No. 1—For Quart Bottles.....$....
No. 2—For Pint Bottles.....

Used to stop up the bottle after cork has been removed

BUNG HOLE BORERS

No. 6020—Graduated, Tempered Steel Castings, Polished Blades with Cook's Bit, Hardwood Handle.

Size Nos.	1	2	3
Bores Holes, Inches.	⅝ to 1⅛	1⅛ to 2	1½ to 3
Wt. Per Dozen, Lbs.	13	28	40
Each	$....	....	

One in a Package

WATER MOTORS

No. 1492

DIVINE RED DEVIL

Each

No. 1492—4 in. Motor, Furnishes ⅛ Horse Power with 80 Lbs. Water Pressure, Complete with One 4 in. Beveled Face Emery Wheel, One Blue Felt Buffing Wheel for Silver, One Cake Silver Polish, and One Grooved Wood Pulley, Weight Each 5 Lbs .....$....

Intended for household grinding and polishing and running of all kinds of small machines.

Each

No. 1992—6 in. Motor, Furnishes ¼ Horse Power with 80 Lbs. Water Pressure, Complete with 2 in. Flat Pulley, Weight Each 7 Lbs .....$.

Intended for heavier power purposes than the No. 1492. Unexcelled for operating washing machines

The Divine Red Devil Water Motor is an invaluable hydraulic power plant for moderate power in any house or workshop

These motors can be connected to any standard threaded faucet in 10 seconds, or easily attached to a smooth faucet by means of the universal coupling

No. 1992.

CAN OPENERS

DELMONICO

Per Dozen

Delmonico—6 in. Long Over All, Tempered Steel Blade Nickel Plated Japanned Handle . . . . .$ . .

Blade is supplied with a "Gripper" whose sharp points bear directly on the tin preventing slipping. It opens the can in the correct way, turning the edge of the tin outward.

One Dozen in a Box.

IMPROVED NEVER-SLIP

Per Dozen

No. 30½—5¼ in. Long Over All, One Piece Oil Tempered Cast Steel Blade and Fulcrum, Nickel Plated Finely Polished Hardwood Handle Weight Per Dozen 2 Lbs . . . .$ . .

One Dozen in a Display Box

PEERLESS

Per Dozen

Peerless—6¼ in. Long Over All, Nickel Plated Tempered Cutlery Steel Blade, Japanned Handle, Weight Per Dozen 2 Lbs. . . . . .$. . . .

For round or square cans; works on top or sides; never slips. One Dozen on a Display Card

XXX

Per Dozen

No. 34—5 in. Long Over All, Nickel Plated Steel Blade Ground to a Knife Edge, Weight Per Dozen 2 Lbs. . . . . .$. .

The best low price can opener on the market
One Dozen in a Display Box.

IMPROVED KING

Per Dozen

No. 31½—4¾ in. Long Over All Nickel Plated Oil Tempered Cast Steel Blade; a Combination Can Opener, Cork Screw and Crown Remover, Weight Per Dozen 1½ Lbs. . . . . .$. . . .

STAR

Per Dozen

No. 36—4¾ in. Long Over All Nickel Plated Oil Tempered Cast Steel Blade; a Combination Can Opener and Cork Screw, Weight Per Dozen 1½ Lbs. . . . . .$.

One Dozen in a Display Box.

COMBINATION

Per Dozen

No. 100—9 in. Long Over All, Nickel Plated Steel Shank, Oil Tempered Blued Steel Cutters, Black Enameled Handle; a Combined Can Opener and Bottle Cap Lifter, Weight Per Dozen 2 Lbs. . .$. .

Per Dozen

No. 200—10¼ in. Long Over All Tempered Nickel Plated Steel Shank Oil Tempered Steel Cutters, Black Rubberoid Handle, a Combined Can Opener and Bottle Cap Lifter, Weight Per Dozen 2 Lbs. . . . . .$. . . .

These openers have two cutters: The front cutter for opening square cans, and the self-adjusting sliding cutter for opening round or oval cans.

One Dozen in a Display Box.

SARDINE SCISSORS

Per Dozen

No. 102—Forged Cast Steel, Polished, Fine Steel Spring. Weight Per Dozen 3½ Lbs. . . . . .$. . . .

One Dozen in a Box

Decoy Ducks.

Rimco. Decoy Weight.

Solid White Cedar, Flat Bottom, Mallards, Canvas Backs Red Heads, Blue Bills and Teal, Assorted Male and Female.

	Per Dozen
No. 1—Smooth Finish and Painted, Glass Eyes	$9.50
No. 2—Smooth Finish and Painted, Tack Eyes	8.00
No. 3—Nicely Painted in Natural Colors	6.70
One Dozen in a Crate	Per Dozen
Rimco Anchors—Cast Iron, Japanned, 3½ in. High, 3¼ in. Diameter, Weight Each 1¼ Lbs.	$1.45
	Per Dozen
Anchors—Cast Iron, Japanned, for Decoy Ducks	$1.35
Weights—Cast Iron, Japanned, for Decoy Ducks	1.10

Weight Per Dozen About 35 Pounds

Self-Painting.

No. 5—Steel Plate 12x14 in., ¼ in Thick, Weight 22 Lbs., Each $9.50

The Roller is made of Felt, the raising of which paints the face of target and then drops down, resting in a receptacle containing paint. The Bull's-Eye is arranged so that when hit, a bell rings. All can be operated at a distance by a cord, as shown.

Shooting Glasses.

With Case. Each

No. 322—Amber Colored Glass, Gold Plated Frame, Each in Snap Cover Case $2.80

With Case. Each

No. 330—Amber Colored Glass, Gold Plated Nose Piece and Bows, Each in Snap Cover Case $3.90

Weight Per Dozen About 4 Pounds

Flying Targets.

	Per 1000
Blue Rock Flying Targets	$9.50

Weight Per Barrel 133 Pounds. 500 in a Barrel.

Premier Model, Hollow and Flat Bottomed, the Eyes Used are the Finest Enamel, Colored Same as in the Living Bird

	Per Dozen
No. 30 Mallards, Teal and Canvas Backs	$23.50

Weight Per Dozen About 40 Pounds

The Drawings for Premier Model were made from life, particular attention being paid to all fine details, such as shape of Head, Bill, Arch of Neck, etc. In Hollowing them they are cut in two above the Water Line, thus preventing any leakage.

Gallery Targets.

No. 10—Ring Paper Targets, Size of Sheet 5½x7 in., Diameter of Target 3½ in., Bull's-Eye 2 in.

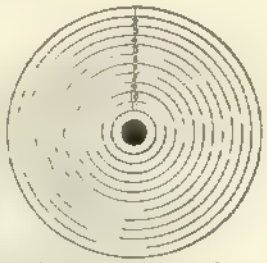
No. 15—Ring Paper Targets, Size of Sheet 10x12 in., Diameter of Target 8½ in., Bull's-Eye 2¾ in.

We will furnish Nos. 10 and 15 Targets in reasonable quantities to our customers Free of Charge.

Plain Round Steel. Each

No. 02—12 in. Diameter, Grooved Rings, Shows Face and Rings Gong when Bull's Eye is Hit. $4.75

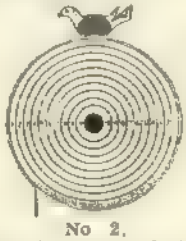
Weight Each About 21 Pounds.



Plain Round Steel. Each

No. 01—12 in. Diameter, Grooved Rims, Bull's-Eye Gong $4.00

Weight Each About 21 Pounds



No 2. Each

No. 1—Plain Round Steel, 12 in. Diameter, Grooved Rings, Bull's-Eye with Gong, Assorted Sizes, for 22 Caliber Cartridges $3.00

No. 2—Plain Round Steel, 12 in Diameter, Figure Rising and Ringing a Gong when Bull's-Eye is Hit, for 22 Caliber Cartridges 6.15

Weight Each About 12 Pounds

When Ordering, Give Size of Bull's-Eye

Blue Rock Traps.

EXPERT

Each

No. 10—Expert Model Blue Rock Traps $12.75

Weight Each 25 Pounds.

EXTENSION SPRING

Each

No. 5—Extension Spring Model Blue Rock Traps $9.50

Weight Each 16 Pounds.

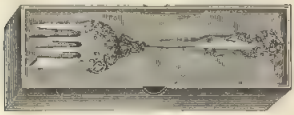
G.W. HUNTLEY & CO. CHICAGO

Eagle W^m ROGERS ★ Brand

Berwick Pattern

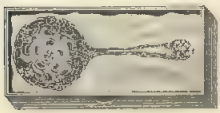
French Gray Finish.

Teaspoon actual size, balance reduced size.
Fancy pieces put up in lined boxes.
FOR CHILD AND BABY SETS TO MATCH SEE PAGE 480



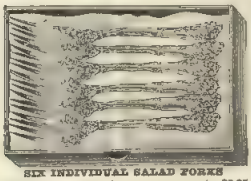
COLD MEAT FORK, LARGE

No. 13673 Silver tines . . . . . each $1.55
No. 13674 Gilt tines . . . . . each 2.20



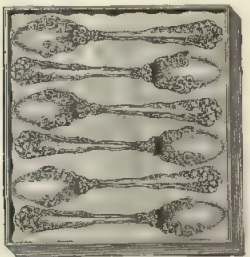
BONBON SPOON

No. 13677 Silver bowl . . . . . each $1.55
No. 13678 Gilt bowl. . . . . each 2.20



SIX INDIVIDUAL SALAD FORKS

No. 13687 Silver tines . . . . per set $5.95
No. 13688 Gilt tines . . . . . per set 8.45



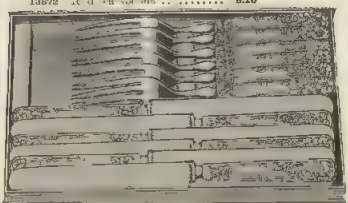
SIX ORANGE SPOONS

No. 13690 Silver bowls . per set $3.75
No. 13691 Gilt bowls . . . . . per set 6.35

SIX OYSTER FORKS

No. 13693 Silver tines . . Per set $3.95

No.		Dozen
13658	Teaspoons, X12 Sec'l	$6.95
13659	Teaspoons, Triple	8.10
13660	Dessert spoons, X12 Sec'l.	10.60
13661	Dessert spoons Triple	13.70
13662	Table spoons, X12 Sec'l	11.85
13663	Table spoons, Triple	16.20
13664	Dessert forks, spoon handle, X12 Sec'l	10.60
13665	Dessert forks, spoon handle Triple	13.70
13666	Medium forks spoon handle X12 Sec'l	11.85
13667	Medium forks spoon handle Triple	16.20
13668	Soup spoons, X12 Sec'l	11.85
13669	Twist butter knives, Al plate	13.10
13670	Sugar shells, X12 Sec'l	11.50
13671	Pie servers, hollow handle	50.00
13672	Cold meat forks	8.10



KNIFE AND FORK SETS

Six solid handle knives, 12 Dwt, six solid handle forks 12 Dwt

No. 13694 Medium size . . . . . per set $10.85
No. 13695 Dessert size . . . . . per set 10.50

Six solid handle knives, 12 Dwt, six spoon handle forks X12 Sec'l plate

No. 13696 Medium size . . . . . per set $11.35
No. 13697 Dessert size . . . . . per set 10.50

Six hollow handle knives, quadruple plate, six spoon handle forks, X12 sec'l plate.

No. 13698 Medium size . . . . . per set $18.95
No. 13699 Dessert size . . . . . per set 17.45

Six hollow handle knives quadruple plate, six hollow handle forks quadruple plate

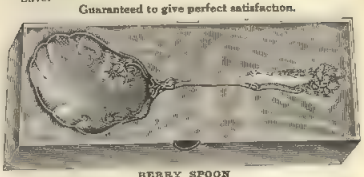
No. 13700 Medium size . . . . . per set $26.00
No. 13701 Dessert size . . . . . per set 24.30

Eagle W^m ROGERS ★ Brand

1863 1916

Fine Silverplated Flatware X12 Sectional and Triple Plated on 21 per cent Nickel Silver

Guaranteed to give perfect satisfaction.

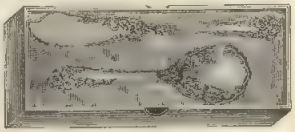


BERRY SPOON

No. 13675 Silver bowl . . . . . each $2.50
No. 13676 Gilt bowl . . . . . each 3.45

LADLES

No. 13679	Cream ladle, silver bowl	each $1.45
No. 13680	Cream ladle, gold bowl	each 2.05
No. 13681	Gravy ladle, silver bowl	each 1.90
No. 13682	Gravy ladle, gold bowl	each 2.80
No. 13683	Oyster ladle, silver bowl	each 4.10
No. 13684	Oyster ladle, gold bowl	each 5.10
No. 13685	Medium ladle, silver bowl	each 5.00
No. 13686	Medium ladle, gold bowl	each 6.25

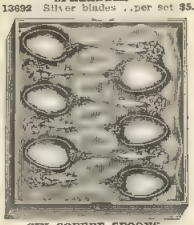


BUTTER KNIFE AND SUGAR SHELL

No. 13689 Silver blade and bowl . . per set $2.30

SIX INDIVIDUAL BUTTER SPREADERS

No. 13692 Silver blades . . per set $5.30



SIX COFFEE SPOONS

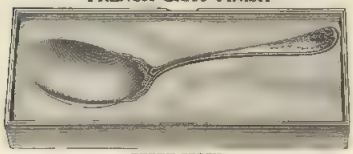
No. 13702 Silver bowls . . . per set $2.95
No. 13703 Gilt bowl . . . . . per set 4.80

G.W. HUNTLEY © CHICAGO

Eagle 1847 W^m ROGERS Brand

Garrick Pattern

FRENCH GRAY FINISH

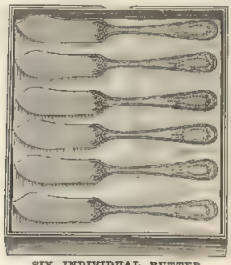


BERRY SPOON

No. 13586 Silver bowl, each . . . $2.50
No. 13587 Gilt bowl, each 3.45

LADLES

No. 13590 Cream ladle, silver bowl, each . $1.45
No. 13591 Cream ladle, gold bowl, each . . 2.05
No. 13592 Gravy ladle, silver bowl, each.... 1.90
No. 13593 Gravy ladle, gold bowl, each. . . 2.80
No. 13594 Oyster ladle, silver bowl, each..... 4.10
No. 13595 Oyster ladle, gold bowl, each..... 5.10
No. 13596 Medium ladle, silver bowl each.... 5.00
No. 13597 Medium ladle, gold bowl, each..... 6.25



SIX INDIVIDUAL BUTTER SPREADERS

No. 13599 Silver blades, per set ... $5.30

SIX ORANGE SPOONS

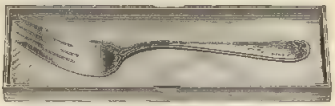
No. 13602 Silver bowls, per set . $3.75
No. 13603 Gilt bowls, per set.... 6.25

Eagle 1847 W^m ROGERS Brand

1863 1915

Teaspoon actual size, balance reduced size. Fancy pieces put up in lined boxes.

Fine Silver Plated Flatware X12 Sectional and Triple Plated on 21 per cent nickel silver. Guaranteed to give perfect satisfaction.



COLD MEAT FORK, LARGE

No. 13588 Silver tines, each $1.55
No. 13589 Gilt tines, each 2.20

BUTTER KNIFE AND SUGAR SHELL

No. 13596 Silver bowl and blade, per set. $2.90

No.		Dozen
13568	Teaspoons, X12 sec'l	$5.95
13569	Teaspoons, triple	6.10
13570	Dessert spoons, X12 sec'l	10.60
13571	Dessert spoons, triple	13.70
13572	Table spoons, X12 sec'l	11.85
13573	Table spoons, triple	16.30
13574	Dessert forks, spoon handle, X12 sec'l	10.60
13575	Dessert forks, spoon handle, triple	13.70
13576	Medium forks, spoon handle, X12 sec'l	11.85
13577	Medium forks, spoon handle, triple	16.20
13578	Oyster forks	7.50
13579	Twist butter knives, X12 sec'l	13.10
13580	Sugar shells, X12 sec'l	11.20
13581	Pie servers, hollow handle	50.00
13582	Iced tea spoons	8.10
13583	Coffee spoons	5.90
13584	Pickle forks	15.00

SIX BOUILLON SPOONS

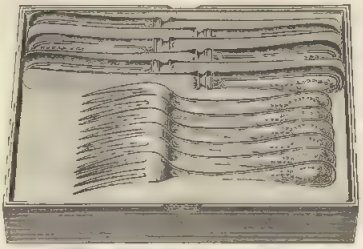
No. 13600 Silver bowls, per set.... $5.60

SIX SOUP SPOONS

No. 13601 Silver bowls, per set. $5.95

SIX INDIVIDUAL SALAD FORKS

No. 13604 Silver tines per set . $5.95
No. 13605 Gilt tines, per set 8.45



FOR CHILD AND BABY SETS TO MATCH, SEE PAGE 480

KNIFE AND FORK SETS

Six solid handle knives, 12 Dwt., 6 solid handle forks, 12 Dwt., X12 sec'l plate.

No. 13606 Medium size, per set. . . $10.85
No. 13607 Dessert size, per set . . . 10.50

Six solid handle knives, 12 Dwt., 6 spoon handle forks, X12 sec'l plate.

No. 13608 Medium size, per set. . . $11.35
No. 13608½ Dessert size, per set. . . 10.50

Six hollow handle knives, quadruple plate, 6 spoon handle forks, X12 sec'l plate.

No. 13609 Medium size, per set $18.95
No. 13609½ Dessert size, per set 17.45

Six hollow handle knives, quadruple plate; 6 hollow handle forks, quadruple plate

No. 13610 Medium size, per set. $38.00
No. 13610½ Dessert size, per set 24.30

Eagle 1847 ROGERS Brand

Fine Silver Plated Flatware

Eagle 1847 ROGERS Brand

X12 Sectional and Triple Plated on 21 per cent Nickel Silver. Guaranteed to give perfect satisfaction.

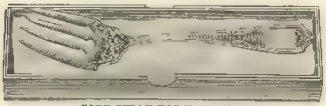
Teaspoon actual size, balance reduced size.

Fancy pieces put up in lined boxes.

Concord Pattern

French Gray Finish

FOR CHILD AND BABY SETS TO MATCH SEE PAGE 489



COLD MEAT FORK, LARGE

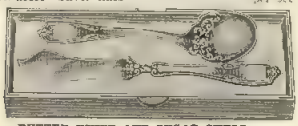
No. 13626 Silver tines ..... each $1.55
No. 13627 Gilt tines ..... each 2.20

PICKLE FORK, LONG

No. 13630 Silver tines ..... each $1.25

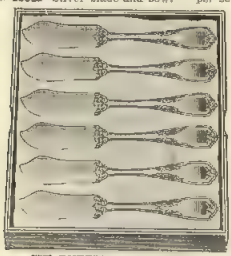
SIX OYSTER FORKS

No. 13639 Silver tines ..... per set $3.95



BUTTER KNIFE AND SUGAR SHELL

No. 13642 Silver blade and bowl ..... per set $2.30



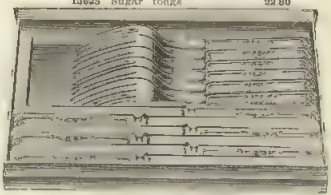
SIX BUTTER SPREADERS

No. 13643 Silver blades ..... per set $6.30

SIX INDIVIDUAL SALAD FORKS

No. 13646 Silver tines ..... per set $5.95
No. 13647 Gilt tines ..... per set 8.45

No.		Doz.
13611	Tea spoons, X12 Sec'l	$5.95
13612	Tea spoons, triple	8.10
13613	Dessert spoons, X12 Sec'l	10.60
13614	Dessert spoons, triple	13.70
13615	Table spoons, X12 Sec'l	11.85
13616	Table spoons, triple	16.20
13617	Dessert forks, spoon handle, X12 Sec'l	10.60
13618	Dessert forks, spoon handle, triple	13.70
13619	Medium forks, spoon handle, X12 Sec'l	11.85
13620	Medium forks, spoon handle, triple	16.20
13621	Twist butter knives, X12 Sec'l	13.10
13622	Sugar shells, X12 Sec'l	11.20
13623	Iced tea spoons	8.10
13624	Pie servers, hollow handle	50.00
13625	Sugar tongs	22.50



KNIFE AND FORK SETS

Six solid handle knives, 12 dwt., six solid handle forks 12 dwt.

No. 13648 Medium size ..... per set $10.85
No. 13649 Dessert size ..... per set 10.50

Six solid handle knives 12 dwt., six spoon, handle forks, X12 sec'l plate

No. 13650 Medium size ..... per set $11.35
No. 13651 Dessert size ..... per set 10.50

Six hollow handle knives, quadruple plate six spoon handle forks, X12 sec'l plate

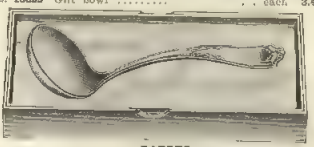
No. 13652 Medium size ..... per set $18.95
No. 13653 Dessert size ..... per set 17.45

Six hollow handle knives, quadruple plate, six hollow handle forks, quadruple plate

No. 13654 Medium size ..... per set $26.00
No. 13655 Dessert size ..... per set 24.30

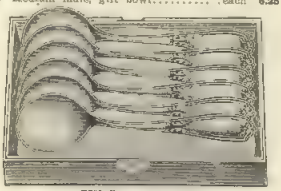
BERRY SPOON

No. 13628 Silver bowl ..... each $2.50
No. 13629 Gilt bowl ..... each 3.45



LADLES

No. 13631	Cream ladle, silver bowl	each $1.45
No. 13632	Cream ladle, gilt bowl	each 2.05
No. 13633	Gravy ladle, silver bowl	each 1.90
No. 13634	Gravy ladle, gilt bowl	each 2.80
No. 13635	Oyster Ladle, silver bowl	each 4.10
No. 13636	Oyster ladle, gilt bowl	each 5.10
No. 13637	Medium ladle, silver bowl	each 5.00
No. 13638	Medium ladle, gilt bowl	each 6.25



SIX SOUP SPOONS

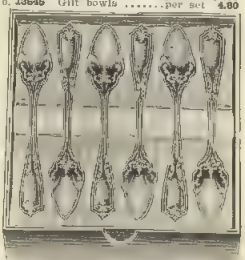
No. 13640 Silver bowls ..... per set $5.95

SIX BOUILLON SPOONS

No. 13641 Silver bowls ..... per set 5.60

SIX COFFEE SPOONS

No. 13644 Silver bowls ..... per set $2.95
No. 13645 Gilt bowls ..... per set 4.80

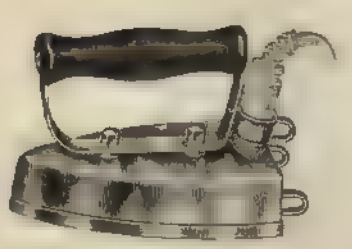


SIX ORANGE SPOONS

No. 13636 Silver bowls ..... per set $3.75
No. 13637 Gilt bowls ..... per set 6.25

ELECTRIC SAD IRONS

UNIVERSAL



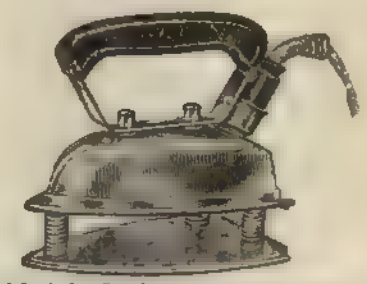
Complete with 6 ft. Cord with Hubbell Lamp Socket Plug, and Reversible Heat Proof Spring Stand.

Each

No. E902—580 Watts, Nickel Plated Base and Hood, Ebonized Wood Handle, Cord is Protected at Iron by a Spiral Steel Spring, Weight Each 6 Lbs. .....$. .

Weight Each Packed 8 Pounds.

One in a Box.



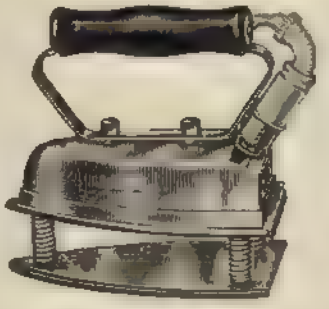
Complete with 8 ft. Cord with Hubbell Lamp Socket Plug and Reversible Heat Proof Spring Stand.

Each

No. E901—580 Watts, Nickel Plated Base and Hood, Ebonized Wood Handle, Cord is Protected at Iron by a Spiral Steel Spring, Weight Each 6 Lbs. .....$ . .

Weight Each Packed 8¼ Pounds.

One in a Box.



Complete with 6 ft. Cord with Hubbell Lamp Socket Plug and Reversible Heat Proof Spring Stand.

Each

No. E905—580 Watts, Nickel Plated Base and Hood, Ebonized Wood Handle, Cord is Protected at Iron by Spiral Steel Spring, Weight Each 6 Lbs.... .$... .

No. E9052—580 Watts, Black Base, Nickel Plated Hood, Ebonized Wood Handle, Cord is Protected at Iron by a Spiral Steel Spring, Weight Each 6 Lbs. .....

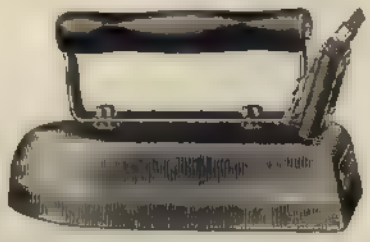
Weight Each Packed 8 Pounds.

One in a Box.

The heating units in all "Universal" Electric Irons are made of the best Nicrome Wire with Ruby India Mica Insulation The extra large surface covered with Nichrome Wire in conjunction with an unusually heavy sole plate, makes possible an unequalled storage of heat in ironing damp table linen, heavy duck shirts, etc

ELECTRIC SAD IRONS

DOVER TAILOR'S GOOSE



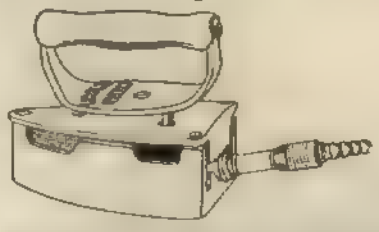
Complete with 6 ft. Feed Cord with Two Plugs, Suspension Stand with Removable Arms, Waxer and Cleaner.

3¾x11 in. Ironing Face, Full Nickel Plated, Blued Base, Ebonized Handle, Detachable Plug at Iron, Pull-Apart Attachment Plug at Socket, Rigid, Heavy Contact Posts, Complete with Suspension Stand with Adjustable and Removable Arms, May be Attached to Table or Board with Screws, Waxer and Cleaner, for 110 Volts.

Nos.	15D	18D	21D	24D
Weight Each, Lbs	15	18	21	24
Each ..... $.....	....	.....	.....	

GAS HEATED SAD IRONS

FAIRY QUEEN



Complete with 6 ft. Tubing and Asbestos Mat.

Fairy Queen—6¼x3⅝ in. Bottom, Enameled Wood Handle, Steel Handle Guard, Fully Nickel Plated and Polished, Odorless and Smokeless, for Natural or Artificial Gas, Weight Each 5½ Lbs...$....

This iron becomes hot enough to iron in 3 minutes. Can be connected to any gas fixture or gas stove and costs but one-half cent an hour to operate.

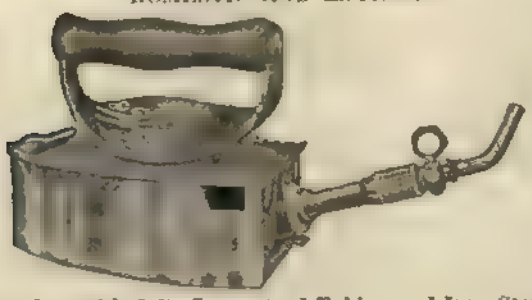
Note—When ordering, state whether for Natural or Artificial Gas

One in a Box.

GAS HEATED SAD IRONS

I. M. E.

DOMESTIC AND LAUNDRY



Complete with 6 ft. Guaranteed Tubing and Iron Stand.

Each

No. 9—6x3½ in. Bottom, Enameled Wood Handle, Absolutely Odorless and Smokeless, for Natural or Artificial Gas, Weight Each 5¾ Lbs.....$....

In this iron the heat is not taken up by cold air passing through the bottom. Heats in three minutes and stays hot. The heat is under perfect control; a gentle heat for light fabrics or intense heat for wet goods. The cost for gas is about two cents for four hours' ironing.

One in a Box.

TAILORS' GOOSE

Enameled Wood Handle, 10x4 in. Bottom, with Stand, for Natural or Artificial Gas.

Nos.	1	2	3	4	5
Wt Each, Lbs.	16	18	20	22	24
Each $	....	....	....	....	....

One in a Box.

Note—When ordering, state whether for Natural or Artificial Gas.

GASOLINE SAD IRONS

ROYAL

Nickel Plated, Handsomely Finished.

Each

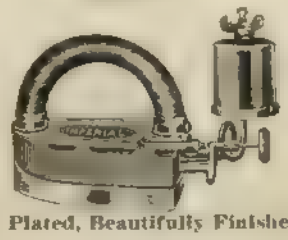
Royal—Nickel Plated, Perfectly Balanced Strong Fuel Tank, Strong Wood Handle, Weight Each 6¼ Lbs $ . .

The heat is easily regulated to suit the wishes of the operator The burner extends the full length of the iron, giving the entire bottom an even temperature

The gases and odors which are naturally formed by combustion are transformed and avoided by the patented ventilating lid The handle is always cool, no matter how hot you heat the iron.

One in a Box.

IMPERIAL



Nickel Plated, Beautifully Finished.

Each

Imperial—Nickel Plated, Heavy Fuel Tank, Strong Wood Handle, Burns Either Gasoline or Alcohol, Complete with Independent Air Pump, Weight Each 5½ Lbs.....$....

The Imperial burns 90 per cent air and 10 per cent gas. An even continuous heat can be maintained at a cost of one-fifth of a cent per hour

The operator can instantly and easily regulate the heat to suit requirements, by the simple turning of a knob with the fingers

One in a Box.

COMFORT

Best Grade Iron, Nickel Plated and Polished, Heavy Seamless Brass Reservoir, Nickel Plated.

Each

Comfort—Capacity ¾ Pint, Double Pointed, Ebonized Cool Handle, 18½ Square Inches of Ironing Surface, Operates 5 Hours on One Filling, Complete with Pump and Lighter, Weight Each 6½ Lbs. .....$....

The Comfort is a two-point style and can be operated either forward or backward; has self-cleaning generator, positive shut-off against pressure, perfect regulation and all parts are interchangeable. Generates with less than a teaspoonful of alcohol in about one minute.

One in a Box.

METAL PUNCHES

ELM CITY

The "Elm City" Metal Punch embodies a new movement in compound leverage which gives it power far beyond any other tool yet invented for this purpose.

Compound Leverage

Interchangeable Dies.

Each tool is equipped with one set of dies.

One male and one female die in a set.

The Dies open ⅛ in. and reach 1 in. from edge of metal.

Per Dozen

No. 17 9 in. Long, Drop Forged Steel Head, Heavy Sheet Steel Handles, Compound Leverage, Interchangeable Dies, One Male and One Female. **Specify Sizes Wanted when Ordering.** Weight Each 1⅝ Lbs. **$30 00**

- 3/32 and ⅛ in. Dies safely punch No. 14 Gauge Sheet Iron.
- 5/32 and 3/16 in. Dies safely punch No. 15 Gauge Sheet Iron.
- 7/32 and ¼ in. Dies safely punch No. 16 Gauge Sheet Iron.

Per Dozen Sets

Extra Dies—One Dozen Sets in a Box. **Specify Size when Ordering** **$7 00**

TICKET PUNCHES

PARAGON

Per Dozen

No. 230—5 in. Long, Crucible Steel, Full Nickel Plated, Non-Friction Spring, Assorted Designs, Weight Per Dozen 3¼ Lbs. **$3 75**

A good serviceable Ticket Punch at a low price. One in a Carton; Six Cartons in a Box.

PARAGON RESERVOIR

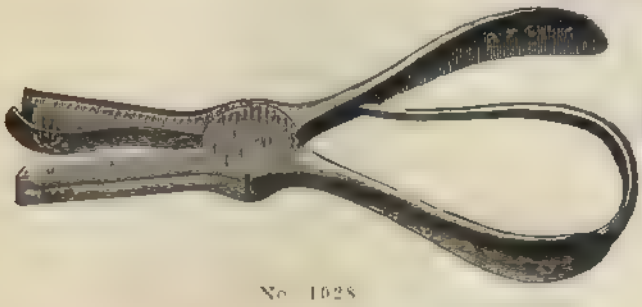
Per Dozen

No. 280—5 in. Long, Crucible Steel, Full Nickel Plated, Non-Friction Spring, Assorted Designs, with Reservoir, Weight Per Dozen 3¼ Lbs. . . **$4 25**

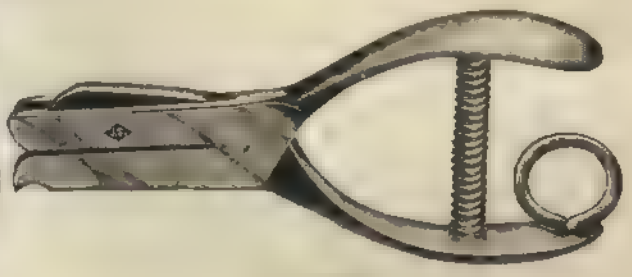
The reservoir with a spring shutter for retaining clippings which otherwise would litter the floor, is a desirable feature for card parties, etc.

One in a Carton; Six Cartons in a Box.

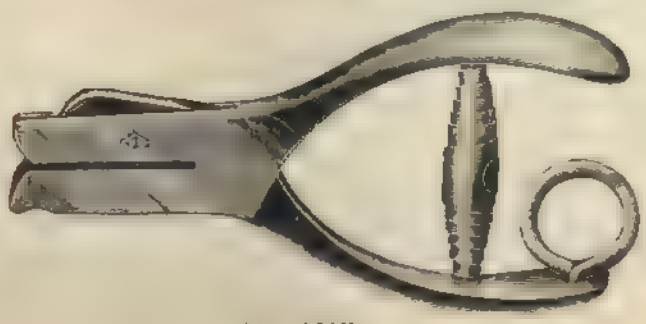
CONDUCTORS'



No. 1028



No. 6961T



No. 6971K

Per Dozen

No. 1028—O. K., 4½ in. Long, Nickel Plated, Cuts 1⅛ in. from Edge, Assorted Designs, Steel Spring **$12 00**

No. 6961T—Traction, 4½ in. Long, Nickel Plated, Cuts 1 in. from Edge, Assorted Designs, Weight Each 4½ Oz. **18.00**

No. 6971K—4½ in. Long, Nickel Plated, Cuts 1¼ in. from Edge, Assorted Designs, Weight Each 4½ Oz. **21.00**

SPRING PUNCHES

SINGLE TUBE

"Screw" Tube, Cast Steel Frame, Japanned Handles, Polished Head.

Assorted Sizes of Tubes in a Dozen.

Length, Inches	4	6	8
Reach, Inches	¾	¾	1 ½
Wt. Per Dozen, Lbs.	3	5	7
Per Dozen	**$6.50**	7.00	**8.00**

One-half Dozen in a Box.

Per Dozen

Extra Tubes—To Screw, Assorted Sizes.....$...

"Drive" Tube, Solid Forged Steel Frame, Single Joint.

Per Dozen

No. 25A—7 ½ in. Long, Assorted Sizes of Tubes in a Dozen, Weight Per Dozen 6 Lbs.....**$5.00**

One Dozen in a Box.

Per Dozen

Extra Tubes—To Drive, Assorted Sizes.....**$2.00**

REVOLVING

"Drive" Tubes, Solid Forged Steel Frame, Full Polished.

Per Dozen

No. 26A—8 in. Long, 4 "Drive" Tubes, Nos. 4, 6, 8 and 10, Weight Per Dozen 3 ¼ Lbs.....**$16.00**

No. 26AA—8 in. Long, 6 "Drive" Tubes, Nos. 4, 6, 7, 8, 9 and 10, Weight Per Dozen 9 ½ Lbs.. **20.00**

One-half Dozen in a Box.

Per Dozen

Extra Tubes—To Drive, Assorted Sizes.....**$2.00**

BERNARD REVOLVING

"Screw" Tubes, Crucible Steel Frame, Parallel Jaws, Adjustable Gauge, Full Nickel Plated.

Per Dozen

No. 186—8 in. Long, 6 "Screw" Tubes, Nos. 1, 2, 3, 4, 5 and 6, Weight Per Dozen 14 Lbs. . . **$24.00**

One in a Carton; Six Cartons in a Box.

Per Dozen

Extra Tubes—To Screw, Assorted Sizes . **$2.00**

The Gauge enables the user to punch holes at uniform distances. A toe-friction spring automatically opens the jaws. The parallel jaws hold the tube in a vertical position

ROUND BELT PUNCH AND PLIER

BERNARD

No. 115—Crucible Steel, Parallel Jaws, Closed-In Handles, Full Nickel Plated.

Length, Inches	5	6
For Round Belting, Inches	¼	⅜
Weight Per Dozen, Lbs.	4 ½	6 ½
Per Dozen	**$12.00**	**14.00**

A Punch, Cutter and Staple Clamping Plier made to operate on round leather belting for sewing machines, etc. It cuts off the belting and pierces it in one operation, and is also provided with a space for clamping belt hooks.

One in a Carton; Six Cartons in a Box.

PAPER PUNCHES

BERNARD

Note — When Ordering Always State if Wanted with ⅛ or ¼ in. Dies or Both.

Crucible Steel, Parallel Jaws, Full Nickel Plated.

Per Dozen

No. 140—6 ½ in. Long, Weight Per Dozen 9 Lbs..**$20.00**

Made especially for punching ⅛ or ¼ in. round holes in loose leaf sheets, etc. The adjustable gauge with 1 in. scale insures accurate and uniform work.

One in a Carton; Six Cartons in a Box.

WOODWORKERS' VISES

EMMERT UNIVERSAL

Vise in Natural Position with Jaw at Angle to Hold Tapered Work.

Vise Reversed to Hold Work Above the Bench.

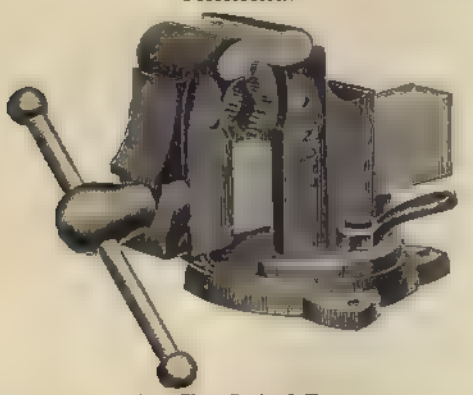
Vise Holding Odd Shaped Work in a Form at an Angle.

	Each
No. 1—7x18½ in. Jaws, Open 14 in., Weight Each 86 Lbs.	$15.00
No. 2—5x14 in. Jaws, Open 12 in., Weight Each 56 Lbs.	12.50

The Emmert Universal Vise has seven pairs of jaws so that it is adapted to grasp any kind of work without regard to irregularity of form. The workman who has the use of one of these vises is as thoroughly equipped as though he had a dozen different vises in as many different positions without being disturbed and encumbered with the presence of a lot of useless tools.

COMBINATION PIPE VISES

PARKERS'

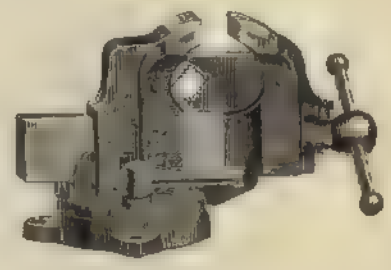


New Top Swivel Base.

A Combination Vise that is strong and compact. Supplies the requirements for a serviceable low priced tool.

Nos.	7	8
Jaws, Inches	3½	4½
Jaws Open, Inches	5	6
Holds Pipe, Inches	2	3
Weight Each, Lbs.	39	57
Each	$.....	.....

PARKER'S IMPROVED



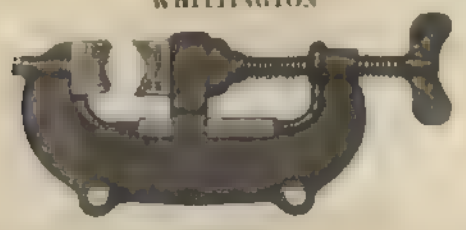
Swivel Base, with Patent Tightening Stud.

Renewable Polished Steel Faces Milled and Fitted to the Jaws, Tempered Steel Pipe Jaws

Nos.	87	88	288½	289½
Width Jaws, Inches	3⅝	4⅛	4¾	5¾
Jaws Open, Inches	4¾	6	6½	9½
Holds Pipe, Inches	2	3	4	6
Weight Each, Lbs.	48	70	118	1[illegible]
Each	$.....	. .		

PIPE VISES

WHITTINGTON



Operates in any position and can be attached anywhere. Will hold either right or left hand from the one setting. Has a ratchet action when required. Can be used as a wrench. Will firmly grip the pipe without any pressure from the screw, the screw simply adjusts the jaws to the size of the pipe. The pipe cannot slip.

	Each
No. 1—Holds ⅛ to 1½ in Pipe	$3 50
No. 2—Holds ⅛ to 2 in Pipe	3 50

Weight Each 4 Pounds.

VULCAN CHAIN

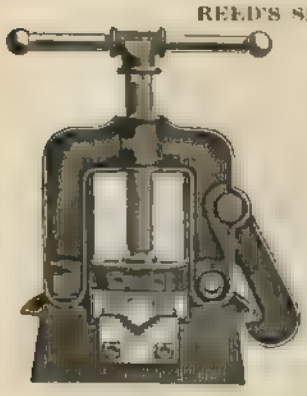
Wrought Steel, Drop Forged Jaws of Saw Tempered Steel for File Sharpening, Hand Made Steel Chain.

	Each
No. 1V—Holds ⅛ to 2 in. Pipe, Weight 4 Lbs.	$ 3 50
No. 2V—Holds ¼ to 4 in. Pipe, Weight 10 Lbs.	7.50
No. 3V—Holds ¾ to 8 in. Pipe, Weight 30 Lbs.	18.00

Unbreakable compact, rapid in action and positive in gripping pipe.

PIPE VISES

REED'S SELF-LOCKING



Hinged Malleable Iron Frame, Milled Tool Steel Jaws, Carefully Hardened and Tempered in Oil.

	Each
No. 71—Holds ⅛ to 2½ in. Pipe. Wt. 10 Lbs.	$10.00
No. 72—Holds ⅛ to 3½ in. Pipe, Wt 16 Lbs.	15 00
No. 73 Holds ⅛ to 4½ in. Pipe, Wt. 25 Lbs.	25.00

ERIE KIT

Malleable Iron and Steel.

Hinged Frame with Hook Lock and Bracket for Clamping to Bench or Table.

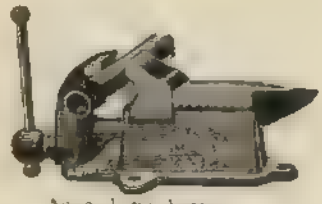
Requires no Screws or Bolts.

The Strongest and Most Convenient Kit Vise Made.

	Each
No. OK—Holds ⅛ to 2 in. Pipe, Weight Each 8 Lbs.	$10.00

COMBINATION VISES AND ANVILS

DIAMOND



As a Pipe Vise

Adjustable for Large Work.

Cut Showing Drill Attachment Attached to Vise.

	Each
No. 50—4 in. Steel Faced Jaws Opening 12 in., Green Painted Cast Iron Body, 3x7 in. Hardened and Polished Iron Anvil Face, ¾x1 ½ in. Steel Screw. Small Jaw Can be Quickly Set at Any Position. Holds 2 in. Pipe, without Drill Attachment. Weight Each Boxed 42 Lbs.	$4.50
No. 55—Diamond Drill Attachment, Cast Iron Painted Green, Polished Head. Takes Square Shank Bit Stock Drills up to ¾ in. Weight Each Boxed 15 Lbs.	2.50

Well made and carefully planned for a wide range of work. It is a first class Pipe Vise and the Adjustable Jaw enables it to be used for a variety of purposes.

One in a Box.

STEWART HANDY WORKER

	Each
Stewart—Consists of a Powerful Vise with 4 in. Jaws Opening 4½ in., a Pipe Vise which Will Grip Pipe up to 1½ in. Diameter, Strong Anvil, Steel Cutting Hardie, Drill Press which can be Operated at Two Speeds, Two Drills, a Rest to Hold the Job to the Drill and a 5x1 in. Corundum Grinding Wheel with Three Speeds: Direct, 4 to 1 and 16 to 1. Weight Complete Boxed 100 Lbs.	$17 50

Combines several hand working tools—tools you have occasion to use every day. Just the thing for any workshop.

BLACKSMITHS' VISES

SOLID BOX

Wrought Steel, Front and Back Jaws Forged from One Piece of Special Ingot Steel, Crucible Tool Steel Jaw Facings, Accurately Ground and Polished.

The Bench Plate is a high grade forging instead of the usual plate of malleable iron, and the ring and washer are a forging.

The unfinished parts are given a good coat of high grade flat black paint, polished parts are protected in shipping by burlap.

Nos.	30	35	40	45	50
Weight Each, Lbs.	30	35	40	45	50
Length of Jaws, Inches.	3⅝	3¾	4	4¼	4½
Depth from Top of Jaw to Top of Box, In.	3¼	3⅓	3½	3¾	4¼
Opens, Inches	3¾	3¾	4	4¼	4½
Each	$11.00	10.00	10.50	11.00	11.50

Nos.	60	70	80	90	100
Weight Each, Lbs.	60	70	80	90	100
Length of Jaws, Inches.	5	5¼	5½	5¾	6
Depth from Top of Jaw to Top of Box, In.	4½	4⅝	5	5¼	5½
Opens, Inches	5	5¼	5½	5¾	6
Each	$13.00	15.00	17.50	20.00	22.00

Self-Measuring Faucets.

ENTERPRISE

Tinned, for Measuring Thick Oils, Tar, Etc.

	Each
No. 61 -Dial Marked Up to 1 Gallon. Four Revolutions of Crank Turn Out One Quart	$4.70
Weight Each About 8 Pounds.	
	Per Dozen
Extra Handles — For No 61 Faucets	$6 40

Warranted to measure correctly and draw a gallon of molasses in winter in one minute. It saves time as it draws molasses directly into a jug or bottle without the use of funnel.

Open Stock.

Self-Priming and Measuring Pumps.

ENTERPRISE

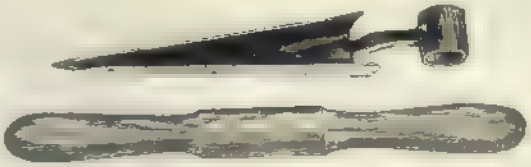
Tinned, for Measuring Molasses Heavy Oils, Tar and Other Liquids.

	Each
No. 97—54 in. Long, 1¼ in. Diameter, with Patent Clamp to Fasten to Barrel, Complete with Auger. Weight Each About 27 Pounds.	$11 25
Extra Auger—For Boring 3 in. Hole in Barrels, for Attaching No. 97 Pump	1 25

Each revolution of the crank pumps a gill, 4 revolutions a pint, etc. Has a Patent Clamp, operated by a thumb screw only, to fasten to barrel. A total registering device, indicating quantity taken from barrel from time to time will enable the grocer to anticipate his order for fresh supply.

One in a Crate

Bung and Tap Borers.



Specially Prepared Steel, Round Lip Bit, Wood Handle.

Nos.	1	2	3
Bores Hole, Inches	⅝ to 1⅛	1⅛ to 2	1⅛ to 2¾
Length, Inches	12	13½	15½
Length Handle, Inches	9½	14½	16
Ap Wt Dozen, Lbs	15	25	55
Per Dozen	$24.50	31.10	60.00

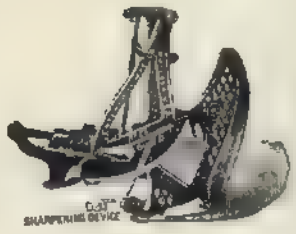
Open Stock

Nos.	10	11	12
Bores Hole, Inches	1½	1¾	2
Length, Inches	8½	10	10½
Length Handle, Inches	8½	10¾	10¾
Ap Wt Per Dozen, Lbs	9	15	18
Per Dozen	$13 25	15.15	18.90

Open Stock

Dried Beef Cutters.

ENTERPRISE



Japanned Cast Iron Frame, Steel Knife, Automatic Feed, Self-Sharpening Device.

	Each
No. 28—17⅛ in. High, 19 in. Long, 3x12 in. Steel Knife.	$13.35
Weight Each About 25 Pounds.	

The Automatic Feed can be regulated to cut shavings as thin as tissue to slices ⅛ in. thick by adjusting small bolt holding connecting rod

One in a Crate.

Cheese Cutters.

ENTERPRISE

Self-Gauging, Tinned Steel Blade, Ornamented Iron Frame.

	Each
No. 126—9 in. Knife, 10 in. Lift of Knife, 19 in Diameter of Table, Height 25⅛ in., Complete with Cover.	$26.65
Weight Each About 75 Pounds.	

One in a Crate.

Tobacco Cutters.

ENTERPRISE

Japanned Iron Frame, Tempered Steel Blade, Draw Cut Movement.

	Each
No. 1—Cuts Plug 4⅝ in. Wide, Length Over All 18½ in., Height 7½ in.	$3.15
Weight Each About 8 Pounds.	

Open Stock

Tool Display and Stock Cabinets.

Made of Golden Oak, Handsomely Carved and Varnished.

Each

Tool Display and Stock Cabinet. Background Lined with Dark Felt, Wooden Pegs Furnished to Match Felt, Double Strength Glass Panels in Front and Sides, Etched [illegible] on Front Panels, Outside Dimensions 5 ft. 1 in High 5 ft 2½ in Wide, 19 in Deep, Inside Dimensions 4 ft 9 in High, 4 ft 10 in Wide, 17 in. Deep, **without Tools** **$80 00**

Arranged to Hold the Following [illegible] Tools:

Adzes,
Auger Bits,
Axes,
Braces,
Broad Axes,
Carpenters' Chisels,
Cold Chisels,
Drawing Knives,
Files,
Hammers,
Gouges,
Hatchets,
Planes,
Pliers,
Screw Drivers,
Slicks,
Buck Saws,
Compass Saws,
Coping Saws,
Hand Saws,
Vented Saws,
Frame Saws,
Panel Saws,
Rip Saws.

Approximate Shipping Weight Each, Boxed, 282 Pounds.

Single Bitted Axes.

Wisconsin Pattern.

Michigan Pattern.

EVERKEEN — Double Refined Iron Body, Extra Quality Tool Steel Inserted Bit, Solid Poll, Punched from Double Refined Iron, Perfectly and Uniformly Tempered and Hardened, Ebonite Finish, Wisconsin and Michigan Pattern

	WEIGHTS	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3⅝ Lbs.		$16.70
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.		17.20
Group No. 3—Consisting of 3⅝ to 4⅝ Lbs., 4 to 5 Lbs.		17.75

Average Weight Per Dozen About 60 Pounds
One Dozen in a Box.

Double Bitted Axes.

Wisconsin Pattern.

Michigan Pattern.

EVERKEEN — Double Refined Iron Body, Extra Quality Tool Steel Inserted Bit, Solid Poll, Punched from Double Refined Iron, Perfectly and Uniformly Tempered and Hardened, Ebonite Finish, Wisconsin and Michigan Pattern

	WEIGHTS	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3⅝ Lbs.		$23.25
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.		23 90
Group No. 3—Consisting of 3⅝ to 4⅝ Lbs., 4 to 5 Lbs.		24.50

Average Weight Per Dozen About 60 Pounds.
One Dozen in a Box.

Sportsmen's Hatchets.

Extra Quality Cast Steel, Gun Metal Finish, Polished Cutting Edge, Extra Hickory Handle

Per Dozen

No. E51—[illegible], 3⅛ in. Cut, 5⅛ in. High, 13 in. Handle, Weight Each 1¼ Lbs. **$12.50**
Weight Per Dozen About 31 Pounds
One-half Dozen in a Box

CLIPPER

Best Quality Cast Steel, Silver Bronze, Polished Cutting Edge, No. 1 Hickory Handle Per Dozen

No. 01—Clipper, 2¾ in. Cut, 5 in. High, 13 in. Handle, Weight Each 1¼ Lbs. **$11.10**
Weight Per Dozen About 19 Pounds.
One-half Dozen in a Box.

BLACK WARRIOR

Cast Steel, Black Finish, Polished Cutting Edge, Hickory Handle Per Dozen

No. 00—Black Warrior, 2¾ in. Cut, 4¾ in High, 13 in. Handle, Weight Each 1 Lb. **$10.00**
No. 0—Black Warrior, 3 in Cut, 5¼ in. High, 13 in. Handle, Weight Each 1⅛ Lbs. **10.55**
Weight Per Dozen About 20 Pounds
One-half Dozen in a Box

Hunters' Hatchets

Extra Quality Cast Steel, Gun Metal Finish, Polished Cutting Edge, Extra Hickory Handle.

Per Dozen

No. EH1—[illegible], 3¼ in. Cut, 5¾ in High, 16 in Handle, Weight Each 1⅛ Lbs. **$12 25**
Weight Per Dozen About 24 Pounds
One-half Dozen in a Box.

CLIPPER

Extra Cast Steel, Silver Bronzed, Polished Cutting Edge, No. 1 Hickory Handle. Per Dozen

No. 1—Clipper, 3¼ in. Cut, 5⅛ in High, 16 in. Handle, Weight Each 1⅛ Lbs. **$11.70**
Weight Per Dozen About 24 Pounds.
One-half Dozen in a Box.

PEERLESS

Extra Cast Steel, Gold Bronzed Polished Cutting Edge, Extra Hickory Handle. Per Dozen

No. 11—Peerless, 3⅛ in. Cut, 5¼ in High, 16 in Handle, Weight Each 1⅛ Lbs. **$11.70**
Weight Per Dozen About 22 Pounds
One-half Dozen in a Box

Ship Adzes.

BEATTY'S

Plain, Adze Eye, with Spur Head
Extra Quality Cast Steel, Blued Finish, Polished Bit

Per Dozen

No. 5—Beatty's, 4¼ to 5½ in. Cut, Weight Each 2½ to 3 Lbs. **$40.00**

Average Weight Per Dozen About 40 Pounds
One-half Dozen in a Box.

Side Lipped, Adze Eye, with Spur Head.
Extra Quality Cast Steel, Blued Finish, Polished Bit

Per Dozen

No. 05—Beatty's, 4½ to 5½ in. Cut, Weight Each 3 to 3½ Lbs **$41.50**

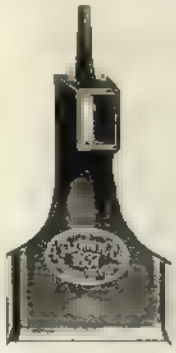
Average Weight Per Dozen About 45 Pounds.
One-half Dozen in a Box

WHITE'S

Plain, with Spur Head.
No. 44—White's, Extra Quality Cast Steel, Gold Bronzed Finish, Polished Head and Bit.

Cut, Inches	4¼	4½ to 5	5½
Per Dozen	$56 60	62.25	67.95

Weight Each 3 to 3½ Pounds
Average Weight Per Dozen About 45 Pounds
One-half Dozen in a Box



Side Lipped, with Spur Head.
No. 45—White's, Extra Quality Cast Steel, Gold Bronzed Finish, Polished Head and Bit

Cut, Inches	4¼	4½ to 5	5½
Per Dozen	$62.25	67.95	73.80

Weight Each 3 to 3½ Pounds.
Average Weight Per Dozen About 45 Pounds.
One-half Dozen in a Box

Ship Axes.

BEATTY'S

Extra Heavy Cast Steel, Blue Finish, Polished Head and Bit.

Per Dozen

No. 1—Beatty's, 6¼ to 6½ in Cut, Weight Each 5 to 6 Lbs **$44 50**

Average Weight Per Dozen About 75 Pounds
One-half Dozen in a Box

WHITE'S

Extra Quality Cast Steel, Gold Bronzed Finish, Polished Head and Bit

Per Dozen

No. 46—White's, Cut 6½ to 7 in., Weight Each 5 to 6 Lbs. **$67 95**

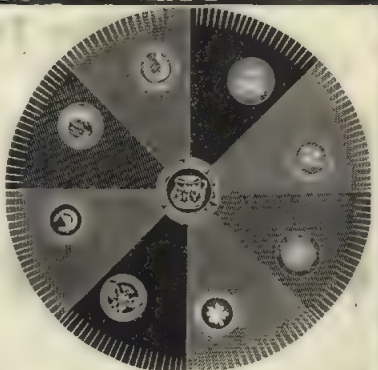
Average Weight Per Dozen About 75 Pounds
One-half Dozen in a Box.

Fine Felt Table Covers Very Attractive.

No. N4465. Table Cover, diameter 26 ins., made of highest grade blue wool felt, center ornamented with National shield in red, white and blue, sewed on, irregular shaped letters of shaded gray and white felt, sewed on, scalloped edge. The best of material and finest workmanship throughout.
Dozen..... 12.50 | Each. . . 1.10

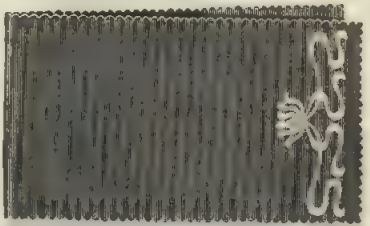
No. N4467. Table Cover, diameter 48 ins., composed of 17 College pennants made of the highest grade of wool felt, each pennant in the correct college colors sewed together with a silk featherstitch, all lettering in the appropriate colors and sewed on in the best possible manner, fancy scalloped edge, center ornamented in National U. S. shield of felt in red, white and blue, also sewed on. Strictly high grade in every respect and a cover that will be desired by everyone
Each 2.75

No. N4466. Table Cover, diameter 36 in., composed of 13 college pennants, made of highest grade wool felt, in construction similar to that above with the exception that the first letter of each college is large, made of felt in appropriate colors accurately sewed on. Inside these large letters and embroidered is the complete name of the college also done in the regulation colors. Center decoration is a natural representation of a college football. Seams and lacing defined by black silk stitching. A very attractive article and one that will prove extremely popular. Each..... 2.05



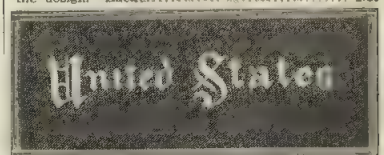
No. N4478. Poker Table Cover. Made of highest grade wool felt of assorted harmonizing colors, green, lavender, blue, red, yellow, etc. Sewer together with a fine silk feather stitch, fringe edge. Diameter 40 inches. All ornamentations, including center piece are of high grade felt, in assorted colors and tints; all sewed on. Each..... 2.05

Fine Felt Piano Scarfs and Table Runners



No. N4460. Piano Scarf, size 18x80 ins., made of highest grade wool felt in olive green or dark brown. The ornamentation on both ends is of a conventional floral design in a contrasting color, sewed on in the best possible manner, fancy scalloped edge.
Per dozen..... 13.00 Each..... 1.10

No. N4461. Piano Scarf, size 18x84 ins., made of highest grade wool felt in assorted colors, the ornamentation continues around the entire cover and is of a conventional floral design in raised bead work in rich contrasting tints, which make the cover extremely attractive. Fancy scalloped edges to correspond with the design. Each..... 1.60



No. N4474. Banner or Table Runner, size 24x60 ins., made of highest grade blue wool felt with a 1 in. border of red sewed on. The letters are of white felt in Old English text sewed on in the best possible manner. Very appropriate for library tables or wall decorations in libraries, dens, etc.
Dozen..... 11.50 | Each..... 1.00

Felt Pillow Tops and Pillows

We carry all items listed on this page in stock for immediate delivery. Our line of felt pillow tops is the best in variety, price and quality of goods. A comparison will convince you that we are giving more for the money than any other house in the field.

Art Process Pillow Tops

No. N4349. Felt Pillow Tops, size 24x24 in., standard quality felt in bright colors. The designs are neatly executed in many brilliant colors, making a very neat and attractive article. Comes with picture of Indian Chief with Tomahawk and Pipe of Peace, and also picture of a Home with the wording "Home Sweet Home."

Per 100..... 30.00 | Per dozen..... 3.60

No. N4350. College Felt Pillow Tops, size 24x24 in., standard quality felt. We carry in stock pillows for colleges listed below. The color of the name and felt is made in regulation colors of each college. Each top has two designs, one above and one below the name. These designs are nicely colored, making one of the most attractive college pillow tops of this sort in the market.

Chicago	Yale	Michigan
Illinois	Princeton	Indiana
Harvard	Wisconsin	Cornell

Price per 100 ..... 30.00 Per dozen 3.50

SPECIAL NOTE.

On orders of 100 or over, we will make special designs at the price quoted above.

Sewed Letter College Pillow Tops

Harvard	Illinois	Nebraska
Princeton	Yale	Cornell
Wisconsin	Michigan	Columbia
Chicago	Indiana	New York

No. N4352. College Pillow Tops, size 24x24 in., made of standard grade felt in bright colors fringe edge, sewed felt letters. We carry in stock all college pillow tops enumerated above. These pillow tops are made in the regulation college colors.

Per dozen 6.50

No. N4386. Fraternal Pillow Tops, 2 color tops, made in contrasting colors with the back in one color, size 24x24 in., fringe edge, with felt lace border. Lower half has name of lodge in sewed letters, upper half has lodge emblem made of felt sewed on in bright attractive colors.

Masonic	Elks
Knight of Pythias	Oddfellows
Moose	Woodmen
	Eagles

Per dozen 10.50

Special Note.—We will make any sewed letter pillow in any special name not taking over 10 letters in lots of not less than 2 dozen of one name at the same price and require 7 to 10 days to fill orders.

Sewed Letter State Pillow Tops

We carry in stock pillow tops for following states:

Illinois	Missouri	Washington
Ohio	Michigan	North Dakota
Indiana	Kansas	Iowa
Kentucky	Arkansas	Georgia
Texas	Tennessee	California
Oklahoma	Colorado	Wisconsin
South Dakota	Minnesota	

No. N4383. State Pillow Tops, made of highest grade wool felt, size 24x24 in., fringe edge, with felt lace border, felt letters sewed on. This is the highest grade of felt pillow tops in the market. Nothing to beat them in quality style, or general appearance. We carry in stock for immediate delivery all states enumerated above.

Per 100..... 65.00 | Per dozen 8.25

No. N4385. State Pillow Tops, size 24x24 in., 2 color felt top made of highest grade felt, each has two contrasting colors on top with one color on the back, with sewed letters of best grade felt on lower half. Each top made with felt lacing in contrasting color, fringe edge. Each pillow top has state seal made by the art process in appropriate colors on the upper part of pillow. We carry in stock pillows for all the states enumerated above.

Per dozen 9.50

HIGHEST GRADE FELT PILLOW TOPS

No. N4455 No. N4456

No. N4455. Turban Girl Inlaid Pillow Top, size 24x24 ins., made of highest grade of wool felt, both top and back in bright attractive colors the felt top is perforated under which is securely sewed on silk the figure which is artistically done in rich natural colors, fringe edge with gilt decorations.

Per dozen ..... 11.50 Each 1.00

No. N4456. United States Pillow Top, size 24x24 ins., made of highest grade wool felt in three colors red, white and blue, fine silk U. S. flag and tassels in center, securely sewed on, fringe edge, back is of same high grade felt as top.

Per dozen..... 8.25 | Each..... .70

Floss Pillows for Stuffing Pillow Tops, made of a strong grade of white cambric with scarfs sewed to prevent stuffing from coming out. These pillows are extremely popular for stuffing pillow tops and wherever used make the pillow tops look far more attractive than when shown flat. We quote the following prices.

		Dozen
No. N4370	Size 16x16	2.05
No. N4371	Size 18x18	2.75
No. N4372	Size 20x20	3.75

INDURATED FIBRE WARE

FIBROTTA

Indurated Wood Fibre Ware is moulded under hydraulic pressure, without joints or seams. It will not warp, shrink, swell, absorb, taint, rust, water-soak or leak It is impervious to liquids, hot or cold. Kerosene, benzine, naphtha and all ordinary acids Colors vary from dark to light mahogany No paint or varnish is used.

FIRE PAILS

Deep Fire Pail.

Round Bottom Fire Pail.

Dimensions, Etc., of All Fire Pails Listed Below.

	Depth, Inches	Diameter Top, Inches	Cap'y, Quarts	Weight Dozen, Lbs
Star	8½	11	10	44
Round Bottom	11	11	12	52
Deep	13	8	10	60
Railroad or Factory	11	11	14	64

One-half Dozen in a Crate

LABELED

Heavy Ears, Copper Rivets, Galvanized Iron Bail, with the National Board of Fire Underwriters' Label.

	Per Dozen
Star	$
Round Bottom	
Deep	
Railroad or Factory	

STANDARD

Same as the "Labeled" Fire Pail, but Does Not Carry the Underwriters' Label.

	Per Dozen
Star	$
Round Bottom	
Deep	
Railroad or Factory	

REGULAR

Fitted with Ordinary Fittings, Does Not Carry the Underwriters' Label.

	Per Dozen
Star	$
Round Bottom	
Deep	
Railroad or Factory	

FIRE PAIL FIXTURES

SHELVES

For Round Bottom Pails, Wood, with Brackets and Screws.

	Each
No. 2—For Two Pails	$
No. 3—For Three Pails	

HOOKS

For Deep Fire Pails, Complete with Screws.

	Per Dozen
No. 10—Hooks, Weight Per Dozen 3 Lbs	$

One Dozen in a Box

STAR WATER PAILS

Coppered Steel Wire Bail, Enameled Wood Grip.

	Per Dozen
No. 12—Capacity 10 to 12 Quarts, 11x8½ in., Weight Per Dozen 48 Lbs	$

LADIES' OR WEAVERS' PAILS

Coppered Steel Wire Bail, Enameled Wood Grip.

	Per Dozen
No. 6—Capacity 6 Quarts, 9x7½ in., Weight Per Dozen 36 Lbs	$

One-half Dozen in a Crate

MEASURES

Sealed, Stamped Heavy Metal Handle Securely Wired to Body.

Nos.	½	1	2	4
Capacity, Quarts	½	1	2	4
Wt. Per Dozen, Lbs.	8	18	22	34
Per Dozen	$			

One half Dozen in a Carton

FUNNELS

Will Not Crack or Warp.

Nos.	2F	1F
Size	Small	Large
Weight Per Dozen, Lbs.	8	18
Per Dozen	$	

One-half Dozen in a Carton

HANDY DISHES

Used for Any and All Purposes.

Nos.	1	2	3
Inches	5x12	4½x9¾	4x8
Weight Per Dozen, Lbs.	32	26	20
Per Dozen	$		

One-half Dozen in a Carton.

INDURATED FIBRE WARE

FIBROTTA

WASH TUBS

Wood Grips, Bottom Provided with a Chine.

Nos.	0	1	2	3
Inches	13x23½	12x20½	10½x19½	9½x18
Wt. Per Dozen, Lbs.	260	212	180	148
Per Dozen	$.....	.....	.....	.....

These tubs are strong and will stand the use of a wringer or any service required of a tub

Butchers find these tubs excellent containers for sausage. Railroads use them in their dining cars as receptacles for soiled silver and linen

One-quarter Dozen in a Crate

NEW OVAL KEELERS OR BABY BATHS

Will Not Crack or Warp.

Per Dozen

No. 22—22 in. Long, 16½ in. Wide, 6¼ in. Deep. Weight Per Dozen 112 Lbs ..... $.

Unexcelled as a baby bath as it is not cold to the tender infant. Much used on the bar for cooling steins Also finds favor as a foot tub

One-quarter Dozen in a Crate.

KEELERS OR REFRIGERATOR DRIPS

Wood Grips, Strong and Durable.

Nos.	1	2	3	4
Inches	6½x17	6x15	5x13½	5x12
Wt. Per Dozen, Lbs.	96	80	58	44
Per Dozen	$.....	.....	.....	.....

Especially serviceable for washing silver, fine china or lace and other delicate articles. Can also be used as a foot tub.

One-half Dozen in a Crate.

SCRAP OR WASTE JARS

With Brass Top, for Use About Lunch Counters to Hold Scraps of Food.

No.	2
Inches	9x13½
Wt. Per Dozen, Lbs.	90
Per Dozen	$.....

One in a Carton

SPITTOONS

Removable Top, Will not Crack, Warp or Stain. All Fibre.

Nos.	1	2	3
Inches	6½x13	5½x11	4½x9
Wt. Per Dozen, Lbs.	54	34	24
Per Dozen	$.....		

Indu-Namel Brown Enameled, Steel Top

Nos.	1-I	2-I	3-I
Inches	6½x13	5½x11	4½x9
Wt. Per Dozen, Lbs.	60	38	26
Per Dozen	$.....	.....	.....

White Enameled Steel Top.

Nos.	1-W	2-W	3-W
Inches	6½x13	5½x11	4½x9
Wt. Per Dozen, Lbs.	60	42	30
Per Dozen	$.....	.....	.....

Polished Brass Top.

Nos.	1-B	2-B	3-B
Inches	6½x13	5½x11	4½x9
Wt. Per Dozen, Lbs.	60	38	28
Per Dozen	$		

Nickel Plated Top.

Nos.	1-N	2-N	3-N
Inches	6½x13	5½x11	4½x9
Wt. Per Dozen, Lbs.	60	38	28
Per Dozen	$.....	.....	.....

One-half Dozen in a Carton.

MATS

For Use Under Slop Jars and Spittoons to Protect Floors and Carpets. Per Dozen

No. 17—17 in. Diameter, Weight Per Dozen 22 Lbs. ..... $....

One Dozen in a Carton

ENAMELED FIBRE WARE

White Inside, Light Blue Mottled with White Outside, or Pink Mottled with White Outside.

Per Dozen

Star Water Pails—Weight Per Dozen 50 Lbs. ..... $.....

Ladies' or Weavers' Pails—Weight Per Dozen 36 Lbs. ....

New Oval Keelers or Baby Baths—Weight Per Dozen 100 Lbs ....

One-half Dozen in a Crate

MATCH BOXES AND LIGHTERS

WATERPROOF MATCH BOX

It is easy to carry, and of sufficient capacity to contain matches for several [illegible]. Made from [illegible]. Weight, 1 ounce.
No. 181. [illegible] . $ .45

RUBBER MATCH BOX

A light weight box made of hard rubber. It has a top that will protect your [illegible] dry. In a convenient box, easy to carry and weighs about 1 ounce.
No. 22. Size, [illegible] inches..... $ .25

COMBINATION MATCH SAFE AND SALT SHAKER

Made of hard rubber. Body and bottom [illegible] in one piece and furnished with [illegible] perforated cap inside, making it available as a [illegible] or spice sprinkler. Without the inside cap it makes an ideal [illegible].

No. 33. Size [illegible] inches. Weight, 1 ounce . $ .40

"FLAMING" POCKET LIGHTER

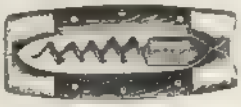
To ignite it is only necessary to insert the frame to which wick is attached (see cut) in the lined tube and draw out slowly. To charge pour a little wood alcohol in [illegible] and [illegible] about half full. One charge will give hundreds of lights, as it will not evaporate. It will not light in a strong wind. Care should be taken not to injure the fine wires.
No. 19. Flaming Lighter..... $ .25
No. 47. Extra wire [illegible] frame.. . 15

MATCHLESS

MATCHLESS CIGAR LIGHTER

This lighter is recommended as being the most reliable [illegible] and all [illegible] can be lighted in any weather. Close [illegible] the [illegible] and raise lever quickly [illegible] to be sure that [illegible].
No. 16. With one wick, size, 1½x2¼ inches . . . . . $ .45
Extra Wicks, 1 [illegible] . $ .25 Extra Flints [illegible] ..... $ .05

FOLDING POCKET CORKSCREW



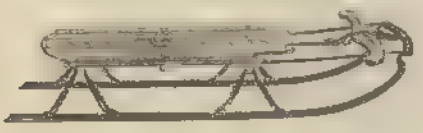
The [illegible] are opened to form a handle giving a [illegible] when [illegible] in the [illegible]. It is strong and [illegible] in the [illegible]. Ebony handles, reinforced at ends.
No. 61. Weight, 1¼ ounces. Size folded, 2¼x1¼ inches, handle open measures 5 inches..... $ .50

[Delivery Prepaid if Cash is Sent with Order at Above Prices

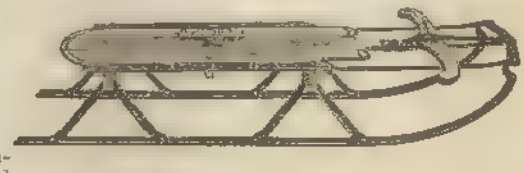
COASTERS

FLEXIBLE FLYER, "THE SLED THAT STEERS"

Made of the very best materials throughout. All woodwork is of Straight Grained Second Growth Ash, handsomely decorated and varnished. Chrome Nickel Steel Grooved ⊥ Shaped Runners, Japanned Red Pressed Steel Supports. New Improved All Steel Front.



Cross Section of Runners, showing grooved bottom



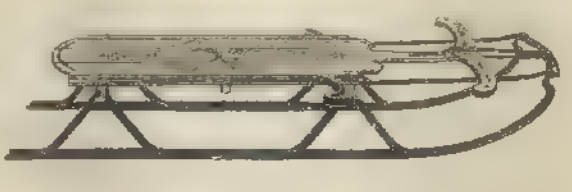
Each

No. 1—Length 38 in., Height 6 in., Width 12 in., Carries One Child of Medium Size, Weight Each 9¼ Lbs. $3.50

No. 2—Length 42 in., Height 6 in., Width 13 in., Carries One Grown Person or Two Children, Weight Each 10½ Lbs. 4.00

Each

No. 3—Length 47 in., Height 7⅞ in., Width 14 in., Carries Two Large Children and Strong Enough for Two Adults, Weight Each 16 Lbs. $5 25



Each

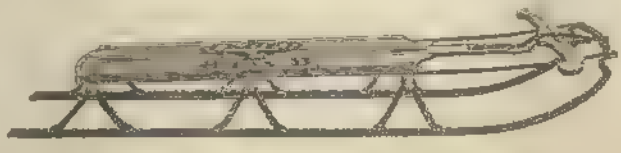
No. 4—Length 52 in., Height 7⅞ in., Width 14 in., Designed Especially for Two Grown Persons, Weight Each 17½ Lbs. $6 00

Each

No. 5—Length 63 in., Height 8 in., Width 16 in., Carries Three Grown Persons or Four or Five Children, Weight Each 25½ Lbs. $8 00

Each

Junior Racer—Length 49 in., Height at Rear 5¼ in., Height at Front 6½ in., Width 12 in., Built Rather Narrow and Designed for Speed, Weight Each 10½ Lbs. $4 50



Each

Racer—Length 57 in., Height at Rear 5½ in., Height at Front 7½ in., Width 13 in., Built Rather Narrow and Designed for Speed, Weight Each 15½ Lbs. $5 50

ICE CREEPERS

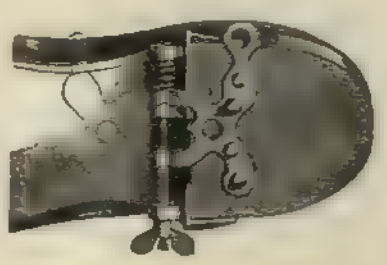
EAGLE

Per Dozen Pairs

Eagle—Pressed Steel, Nickel Plated. Four Prongs Fitted with Web Straps and Patent Buckles. Weight Per Dozen Pairs 1¼ Lbs. $1.50

One Dozen Pairs in a Box.

RIVAL



Per Dozen Pairs

Rival—Reversible, Cast Steel Hardened Points can be Folded Back Under Instep, Each Dozen Assorted, 3 Pairs 2⅝ in., and 9 Pairs 3¼ in. Long $2 00

One Dozen Pairs in a Box.

KENNEBEC

Steel Plates and Points, Plate Reinforced for Screw Bearing.

Nos.	0	1	2	3
Length Plate, Inches.	3	2⅞	2¾	2⅝
Per Dozen Pairs . .	$2 50	2 50	2.50	2 50

Average Weight Per Dozen Pairs 3½ Pounds.

NEVERSLIP

Steel Plates and Points.

Nos.	0	1	2	3
Length Plate, Inches.	3	2⅞	2¾	2⅝
Per Dozen Pairs.....	$2.50	2.50	2 50	2.50

Average Weight Per Dozen Pairs 3 Pounds

One Dozen Pairs in a Box.

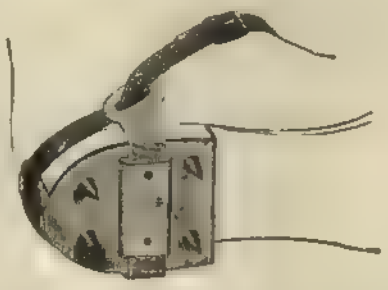
SECURITY

Per Dozen Pairs

Security—Malleable Iron, Reversible. . $1 80
Weight Per Dozen Pairs 1¾ Pounds.

One Dozen Pairs in a Box, with Screws.

NEWARK



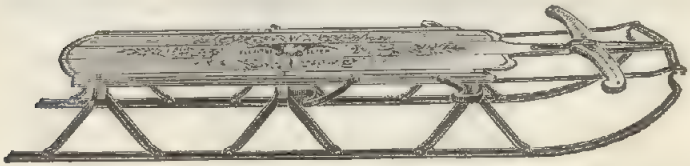
Per Dozen Pairs

Newark—Heavy Steel Plate and Points, with Back Straps, by Adjusting the Wings the Creeper can be Fitted to Heels 2¼ to 3¼ in. Wide. Can be Worn on Either Shoe or Rubber.. $2 50
Weight Per Dozen Pairs 4 Pounds.

One Dozen Pairs in a Box.

SLEDS AND TOBOGGANS

FLEXIBLE FLYER SLEDS



"Flexible Flyers" are a decided improvement over the ordinary sled on account of the spring steel runners and the cross bar which controls the direction of the sled by a simple pressure against the steering bar. The runners are grooved to prevent skidding and are much speedier than flat or rounded runners.

No. **1.** Length 38 ins., for one child, weight 9¼ lbs..... **$2.50**
No. **2.** Length 42 ins., for one adult or two children, weight 10½ lbs..... **3.00**
No. **3.** Length 47 ins., for two large children or two adults, weight 16 lbs. **3.75**
No. **4.** Length 52 ins., for three children or two heavy adults, weight 17½ lbs. **4.50**
No. **5.** Length 63 inches, for three adults or several children, weight 25½ lbs. **6.00**
No. **6.** Length 101 ins., for six adults, weight 47 lbs..... **12.00**
No. **R.** Length 57 ins., Racer, built low and light for speed, weight 15½ lbs. **4.25**
No. **J.** Length 49 ins., Junior Racer, for young boys, weight 10½ lbs..... **3.50**
No. **T.** Length 60 ins., Tuxedo Racer, light, strong, racy, weight 23½ lbs... **6.00**

THE "METEOR" TOBOGGAN

This new model is a first-class, high-grade toboggan, for those who want the best. It is light, springy and built for hard service. Made from the best of selected stock and finished with the greatest care. The two outside and the middle ribs are made of oak or white ash and are heavier and thicker than the other strips or slats between, thus reducing the friction of the snow and making them more speedy. All sizes are finished with the best of varnish. The illustration shows wooden side rails, but rope handles will be regularly furnished unless otherwise specified.

No. **22.** 6 feet, **$8.00** No. **23.** 7 feet, **$9.00** No. **24.** 8 feet, **$10.00**

THE "STAR" TOBOGGAN

This is a medium priced toboggan that will give a good measure of satisfaction. The wood is well selected and carefully put together. The low wooden side rails are strong and the curved front is well shaped and held down by leather thongs.

No. **11.** 5 feet, **$3.50** No. **12.** 6 feet, **$4.00** No. **13.** 7 feet, **$4.50**

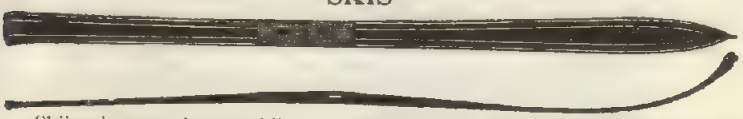
TOBOGGAN CUSHIONS

These cushions are covered with good quality brown canvas, well padded and tufted. Supplied with leather straps for attaching to toboggans.

No. **C3.** 3½ ft. long, for 5 ft. toboggans **$1.50** No. **C5.** 5½ ft. long, for 7-ft. toboggans **$2.50**
No. **C4.** 4½ ft. long, for 6-ft. toboggans **2.00** No. **C6.** 6½ ft. long, for 8-ft. toboggans **3.00**

Add 10% to Above Price to Cover Free Delivery in U. S. A.

SKIS



Skiing is not only an exhilarating sport but by this means of transportation you can cover more ground with less exertion than upon snowshoes, using a sliding forward motion instead of the dragging motion. Medium or high top shoes with heavy soles are best for skiing.

"AMATEUR" QUALITY NORWAY PINE SKIS

Made from absolutely clear No. 1 selected stock; finished in boiled oil and varnish. They are intended for boys or girls who do not want to invest a larger amount. Equipped with metal side plates, toe straps and rubber foot rests.

No. **4P.** 4 feet long. Pair..... **$1.00** No. **6P.** 6 feet long. Pair..... **$1.50**
No. **5P.** 5 feet long. Pair..... **1 25** No. **7P.** 7 feet long. Pair..... **2.25**

MAPLE SKIS IN MAHOGANY FINISH

These are made of the best quality selected maple, in a beautiful mahogany finish, with fancy grooved white stripes. They are supplied with metal side plates, heavy toe straps, and corrugated rubber foot rests.

No. **6M.** 6 feet long. Pair..... **$2.50** No. **7½M.** 7½ feet long. Pair..... **$3.50**
No. **7M.** 7 feet long. Pair..... **3.00**

STANDARD QUALITY ASH SKIS

Made of selected quality, white ash, natural finish, with grooved white stripes. They are supplied with toe straps and corrugated rubber foot rests.

No. **7A.** 7 feet long. Pair..... **$4.75** No. **8A.** 8 feet long. Pair..... **$5.75**
No. **7½A.** 7½ feet long. Pair..... **5 25**

STANDARD ASH SKIS, WITH SPECIAL BINDINGS

Special high grade skis, best quality, extra selected edge grained stock, specially prepared and particularly adapted for all-around skiing. Fitted with best quality binding and tightening buckle. Natural finish with waterproof varnish.

No. **7AB.** 7 feet long. Pair..... **$6.75** No. **8AB.** 8 feet long. Pair..... **$7.75**
No. **7½AB.** 7½ feet long. Pair..... **7.25**

SKI POLES, WITH CUP

No. **3A.** White ash, with fixed washer **$ 60** No. **3B.** Bamboo, with flexible washer **$.60**

Skis and Poles Delivered in U. S. if Payment and 25c Extra is Sent with Order

SKI SUNDRIES

Our ski harness or "Huitfeldt" binding is practical, easily adjusted and thoroughly satisfactory. The heavy metal side irons give the skier a rigid and perfect control of his skis at all times, the harness being adjustable in every way so as to fit any size of foot.

For continuous service place the strap around the solid leather heel and not in the position shown in cut.

No. **2.** Binding, single leather with tongued buckle. Per set..... **$1 75**
No. **2D.** Binding, doubled and stitched with Hoyer Ellefsteas tightening buckle..... **2 50**
No. **S2.** Ski wax, tube..... **$ .25** No. **S5.** "How To Ski"—A Book..... **.50**

For Shoes specially designed for skiing, see page 105

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

Flexible Flyer

"The sled that steers"

The new construction has taken the trade by storm. The demand has exceeded the supply.

Steel Front!
Easier to steer!
Stronger and handsomer!
Chrome nickel steel non-skid runners!

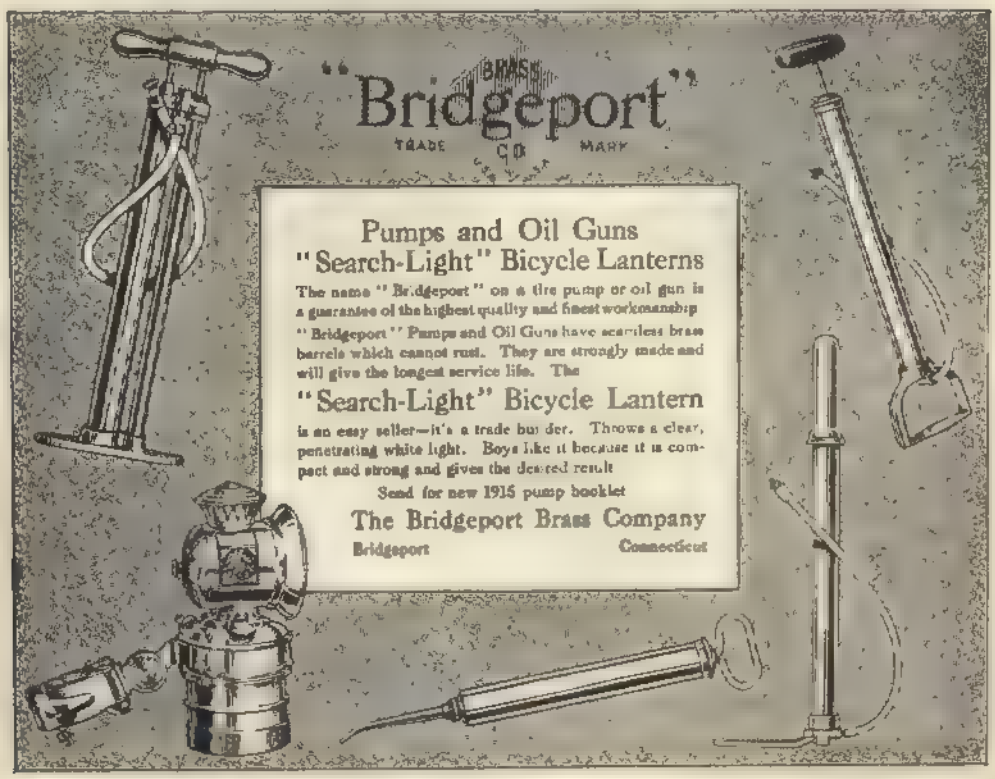
The strongest sled made stronger
The safest sled made safer.
The easiest-steering sled made easier to steer.
Prepare now for next season's trade.
As the price of steel and other materials is constantly advancing our advice is to place orders at the earliest possible moment
Write us now for prices. Don't delay!

FLEXIBLE FLYER

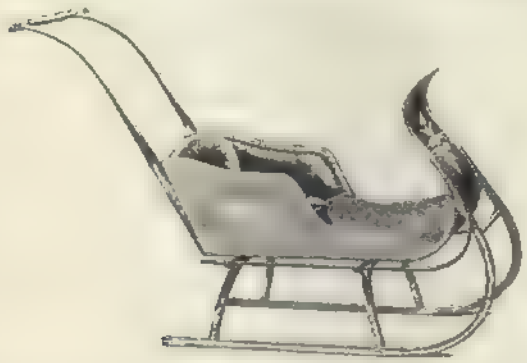
Unless it bears this trademark it is NOT a genuine Flexible Flyer.

S. L. Allen & Co. Box 1100H. Philadelphia
Patentees and Sole Manufacturers

If you want a *good*, low-priced steering sled ask for prices on our *Fire Fly* Coasters.


"Bridgeport"
BRASS
TRADE
CO.
MARK
Pumps and Oil Guns
"Search-Light" Bicycle Lanterns
The name "Bridgeport" on a tire pump or oil gun is a guarantee of the highest quality and finest workmanship
"Bridgeport" Pumps and Oil Guns have seamless brass barrels which cannot rust. They are strongly made and will give the longest service life. The
"Search-Light" Bicycle Lantern
is an easy seller—it's a trade builder. Throws a clear, penetrating white light. Boys like it because it is compact and strong and gives the desired result
Send for new 1915 pump booklet
The Bridgeport Brass Company
Bridgeport
Connecticut

Child's Cutters.



No. 5C.

Two Bent Knees, Half Oval Shoes, Brightly Plated Braces, Round Side Fenders, Painted and Ornamented Throughout, Deep Body and Seat, **Push Handle, Red or Green Finish.**

	Each
No. 3C—27 in. Long, 14 in. Wide, Weight Each About 24 Lbs.	**$4.50**
No. 5C—Same as No. 3C, but Upholstered in Velour, Weight Each About 25 Lbs.	**6.70**

One in a Crate

Three Bent Knees, Half Oval Shoes, Brightly Plated Braces and Top Rails, Velour Upholstered Seat, Back and Sides, **Push Handle, White Enamel Finish.**

	Each
No. 9½C—30 in. Long, 15 in. Wide, Weight Each About 35 Lbs.	**$11.15**

One in a Crate

Flexible Flyers.

"THE SLED THAT STEERS"

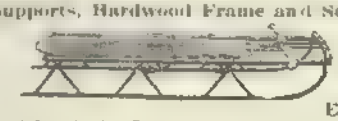
Made of the Finest Materials, Spring Steel Grooved ⊥ Shaped Runners, Pressed Steel Supports, Hardwood Frame and Seat.

	Each
No. 1A—38 in. Long, 12 in. Wide, 6 in. High, Weight Each About 8½ Lbs., Carries One Child of Medium Size	**$3 75**
No. 2A—42 in. Long, 13 in. Wide, 6¼ in. High, Weight Each About 10 Lbs., Carries One Grown Person or Two Children	**4.50**

Open Stock.

	Each
No. 3A—47 in. Long, 14 in. Wide, 8¼ in. High, Weight Each About 14 Lbs., Carries Two Large Children and is Amply Strong for Two Adults	**$5 35**
No. 4A—52 in. Long, 14 in. Wide, 8½ in. High, Weight Each About 16 Lbs., Designed Especially to Carry Two Grown Persons	**6.75**

Open Stock.



	Each
No. 5A—63 in. Long, 16 in. Wide, 8½ in. High, Weight Each About 22 Lbs., Carries Three Grown Persons or Four or Five Children	**$9 00**

Open Stock.

	Each
Racer—56 in. Long, 13 in. Wide, 6¼ in. High, Weight Each About 16 Lbs.	**$6 30**

Open Stock.

Chrome Nickel Steel Runners.

	Each
Tuxedo Racer—60 in. Long, 13 in. Wide, Height to Top of Seat (Front) 6¼ in., (Rear) 5 in., Height to Top of Rails (Front) 6½ in., (Rear) 5½ in., Weight Each About 22½ Lbs.	**$9 00**

This Sled, as a whole, slopes about 1 in. from the front to the rear.

Open Stock.

	Each
No. 6—101 in. Long, 16 in. Wide, 8¾ in. High, Weight Each 41 Lbs., Carries Six Grown Persons	**$18.00**

Open Stock

Fire Fly Coasters.

Spring Steel ⊥ Shaped Runners, Pressed Steel Supports, Hardwood Frame and Seat.

	Each
No. 9—32 in. Long, 11 in. Wide, 6 in. High, Weight Each About 7 Lbs.	**$1 80**
No. 10—36 in. Long, 12 in. Wide, 6 in. High, Weight Each About 8 Lbs.	**2.40**

Nos. 9 and 10 Carry One Child of Medium Size

Open Stock.

	Each
No. 11—40 in. Long, 13 in. Wide, 6½ in. High, Weight Each About 9½ Lbs., Carries One Grown Person or Two Children	**$3.00**

Open Stock.

	Each
No. 12—45 in. Long, 14 in. Wide, 8¼ in. High, Weight Each About 13 Lbs., Carries Two Large Children	**$3 90**

Open Stock

Wabash Steel Coasters.

Two Knees, ⊥ Steel Runners, Handsomely Striped Board.

Per Dozen

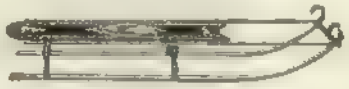
No. 231 31 in. Long, 10 in. Wide, 4 in. High, Weight Per Dozen About 80 Lbs.....$11 70

Two Knees, ⊥ Steel Runners, Nicely Striped and Ornamented.

Per Dozen

No. 232—32 in. Long, 12 in. Wide, 4½ in. High, Weight Per Dozen About 90 Lbs . $13 35

No. 235—35 in. Long, 12 in. Wide, 4½ in. High, Weight Per Dozen About 100 Lbs . . 17 80



Two Knees, ⊥ Steel Runners, Beautifully Hand Decorated and Striped.

Per Dozen

No. 234—34 in. Long, 12 in. Wide, 4½ in. High, Weight Per Dozen About 95 Lbs $18 90

No. 238—38 in. Long, 12 in. Wide, 4½ in. High, Weight Per Dozen About 110 Lbs . 20 00

Three Knees, ⊥ Steel Runners, Beautifully Hand Decorated and Striped.

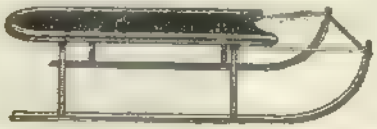
Per Dozen

No. 242—42 in. Long, 12 in. Wide, 4½ in. High, Weight Per Dozen About 120 Lbs..... $24.50

All the Above Coasters Shipped "Knocked Down" to Save Freight.

One-quarter Dozen in a Crate, Knocked Down.

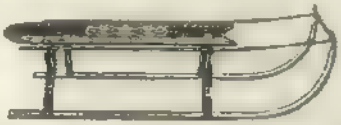
Wabash Steel Sleds.



Two Knees, ⊥ Steel Runners, Handsomely Striped Board.

Per Dozen

No. 127—27 in. Long, 12 in. Wide, 6 in. High, Weight Per Dozen About 60 Lbs.....$11.70

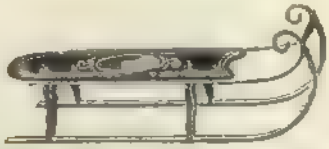


Two Knees, ⊥ Steel Runners, Neatly Striped and Ornamented.

Per Dozen

No. 128—28 in. Long, 12 in. Wide, 6 in. High, Weight Per Dozen About 90 Lbs.....$15 00

No. 132—32 in. Long, 12 in. Wide, 6 in. High, Weight Per Dozen About 100 Lbs..... 18 00



Two Knees, ⊥ Steel Runners, Beautifully Hand Decorated, Handsomely Striped.

Per Dozen

No. 130—30 in. Long, 12 in. Wide, 6 in. High, Weight Per Dozen About 95 Lbs.....$20.00

No. 133—33 in. Long, 12 in. Wide, 6 in. High, Weight Per Dozen About 110 Lbs..... 22 25

Three Knees, ⊥ Steel Runners, Beautifully Hand Decorated and Handsomely Striped.

Per Dozen

No. 136—36 in. Long, 12 in. Wide, 6 in. High, Weight Per Dozen About 120 Lbs.....$26.65

All the Above Sleds are Shipped "Knocked Down" to Save Freight

One-quarter Dozen in a Crate, Knocked Down

Toboggans

METEOR

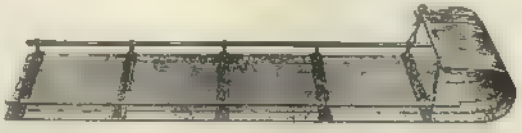
Best Selected Maple and Oak Stock Finished with Great Care, Two Outside and Middle Ribs Made of Oak and Rounded at the Underside, they are Heavier and Thicker than the Other Strips or Slats between, thus Reducing the Friction of the Snow and Making them More Speedy.

With Wooden Hand Rails.

Nos.	21	22	23	24
Length, Feet	5	6	7	8
Ap. Weight Each, Lbs.	21	23	26	30
Per Dozen	$156.00	173.50	191.00	208 00

One in a Crate.

STAR



Made of Selected Maple Flat Bottom Runner, Oil Finished

With Low Wooden Hand Rail.

Nos.	11	12	13	14
Length, Feet	5	6	7	8
Ap. Weight Each, Lbs...	17	19	23	24
Per Dozen	$60.75	69 30	78.00	87.00

One in a Crate.

SLEDS AND TOBOGGANS

FLEXIBLE FLYER SLEDS

"Flexible Flyers" are a long step in advance over the ordinary sled on account of the pivoted runners and the cross bar which controls the direction of the [illegible] The runners are well to prevent sliding and are much heavier than ordinary runners.

No. 1.	Long [illegible]		$2 50
No. 2.	Long 42 in., [illegible]	10½ lbs.	3 00
No. 3.	Long 47 in., [illegible]	10½ lbs.	3 75
No. 4.	Long 42 in., [illegible]	11½ lbs.	4 50
No. 5.	Long [illegible]	25½ lbs.	6 00
No. 6.	Long [illegible]	47 lbs.	12 00
No. R.	Long 37 in., Racer, [illegible]	15½ lbs.	4 25
No. J.	Long 40 in., Junior Racer, [illegible]	10½ lbs.	3 50
No. T.	Long 60 ins., Tuxedo Racer, light, strong, [illegible]	23½ lbs.	6 00

THE "METEOR" TOBOGGAN

This new model is a first-class high grade toboggan for those who want the best. It runs [illegible] and built for hard service. Made from the best of selected stock and finished with the greatest care. The [illegible] middle ribs are made of oak or white ash and are heavier and thicker than the other strips. Between each rib is a [illegible] which makes the sled very strong, thus making it practically indestructible. All sizes are finished with [illegible] The illustration shows white side rails, but [illegible] handles will be regularly furnished unless otherwise specified.

No. 22. 6 feet $8 00 No. 23. 7 feet, $9 00 No. 24. 8 feet, $10 00

THE "STAR" TOBOGGAN

This is a medium priced toboggan that will give a good measure of satisfaction. The [illegible] are selected and carefully put together. The [illegible] inside rails are strong and [illegible] deep and held down by leather thongs.

No. 11. 5 feet, $3 50 No. 12. 6 feet, $4 00 No. 13. 7 feet, $4 50

TOBOGGAN CUSHIONS

These cushions are covered with good quality brown canvas, well padded and tufted. Supplied with carrier straps for attaching to toboggans.

No. C3	[illegible] toboggans	$1 50	No. C5 [illegible] toboggans $2 50
No. C4.	[illegible] toboggans	2 00	No. C6 [illegible] toboggans 3 00

Add 10% to Above Price to Cover Free Delivery in U. S. A.

FOLDING BATH TUBS

The frame is hardwood varnished. The cover, closely woven duck coated with vulcanized rubber. Open, 60x 27x16 inches. Folded, 60x5x5 inches.

No. **20.** 16 lbs List $12.00 Net **$9.60**

WASH STANDS

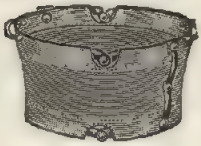
The basin of this stand is 11 inches square and made of rubbered duck. It is water tight and folds up in a very small package. Height in use 26 inches. Length when folded 36 inches by 2 inches square. Weight 2 pounds.

No. **34**.....List $1.00 Net* $ .80

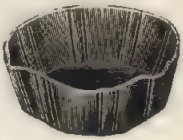
*Bath Tubs and Wash Stands are not Delivered Free

FOLDING BASINS

NO. 1C



NO. 110D



NO. 2R

No. **1C** Waterproof canvas basin, covered one piece wire rim around the top. Weighs 7 ounces. Capacity, 1 gallon; 12x3 inches..... $ .50

No. **110D.** Folding canvas basin with metal frame, hinged in centre, opens 10x5½ inches, folds to about half its size 1.00

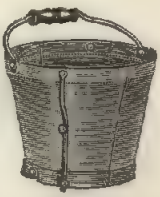
No. **2R.** Black rubber wash basin with side supports. Will fold compactly. Weighs 6 ounces, size 12x3½ inches 1.00

FOLDING CANVAS BUCKETS

NO. 3C

NO. 65

NO. 65S



NO. 4D

No. **3C.** Made of brown waterproof duck. Will fold into a very small space and has a capacity of 3 gallons. Weight 8 ounces..... $ .60

No. **65.** These buckets tie at the top which prevents contents from slopping out. Made of brown canvas, and hold 2½ gallons..... .85

No. **65S.** Like No. 65 but with spout 1.00

No. **4D.** Folding bucket of heavy canvas, fitted with metal frame, making it as stiff and rigid as a wooden bucket. Capacity 6 quarts..... 1.00

No. **12D.** Like No. 4D but holding 10 quarts..... 1.50

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

CANTEENS AND WATER BAGS

"GOVERNMENT" CANTEEN

This canteen is made of galvanized steel, seamed and soldered, and has a zinc mouthpiece with screw cap opening. It is covered with heavy duck and has an inter-lining of heavy blanket. The carrying strap is made of heavy duck and is riveted to "ears" on each side of canteen.

No. **G3.** "Government." With screw cap. Capacity 3 pints; weight 1 lb..... **$1.00**

No. **S6.** "U. S. Brand," similar to No. **G3** but with cork stopper and chain. Capacity 5 pints; weight 1½ lbs... **$2.00**

HIKERS' CANTEEN

This canteen is made of tin and covered with Khaki colored canvas. The straps are made of Khaki webbing, fitted with detachable snap engaging rings on each side of the canteen. A metal capped stopper with finger piece is provided. The "Hiker" is a great favorite with Boy Scouts, as it is low in price and entirely practical.

No. **P.** Capacity 2½ pints, weight ½ lb..... **$ .50**

CANTEEN, ARMY STANDARD

Made of heavy block tin, retinned, covered with thick absorbent felt, which should be soaked with water at time of filling. A heavy, dry canvas covering is then drawn down and laced over the soaked felt confining the moisture, thus reducing the temperature. Can be used as a hot water bag.

No. **47.** Capacity about ½ gal.; weight 1¼ lbs..... **$2.10**

No. **47G.** Capacity about 1 gal.; weight 1½ lbs..... **3.35**

IMPERIAL CANTEEN

An extra large canteen for carrying on mule or burro or in "Prairie Schooner." Made of galvanized steel, well supported in the center and with a zinc mouthpiece and screw cap. It is covered with heavy blanket which has an outside cover of strong canvas and the strap is made of heavy duck which passes completely around the bottom of canteen, being held in place by keepers.

No. **18.** Capacity 2 gals.; weight 2¾ lbs..... **$2.00**

ALUMINUM CANTEEN

The sanitary and rust-proof qualities of aluminum make it especially adapted for water containers (not suitable for liquids containing alcohol). The cover is [illegible], with openings for rings, to which is attached the shoulder strap.

No. **A1.** Round, capacity 2½ pints; weight 12 ounces **$2.50**

No. **A2.** Bottle shaped, capacity 2¼ pints; weight 10 ounces..... **2.00**

SANITARY SELF-COOLING WATER BAG

The underlying principle of refrigeration by evaporation has been applied as the working basis of the Improved Water Bottle. The material of which the bag is made has the peculiar property of holding water, and yet exuding just enough to present a continuous water surface to the warm air. The top can be completely opened for cleaning and easily and effectually closed.

No. **1A.** Capacity about 1 gallon; weight ½ lb..... **$1.00**

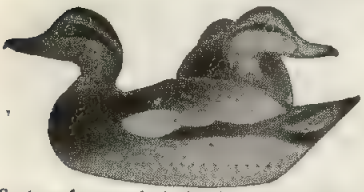
No. **2A.** Capacity about 2½ gallons; weight 1 lb..... **1.35**

No. **5A.** Capacity about 5 gallons; weight 1½ lbs..... **2.25**

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

DUCK, PLOVER AND CROW DECOYS

WOOD DUCK DECOYS



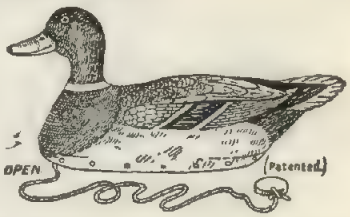
Our "Challenge" decoys are all made of selected wood, painted in most natural colors, and are excellent imitations of the "real thing." Made in the following varieties: Mallard, Black Mallard, Red Head, Blue Bill, Blue Wing Teal, Shell Drake, Canvas Back. Sold only in dozen lots, 8 males and 4 females. To avoid delay in shipping kindly give us first and second choice in the matter of specie wanted.

No. **1.** "Challenge" Model, good quality with glass eyes.....Doz. **$7.50**
No. **2.** "Detroit" Model, fair quality with tack eyes.....Doz. **5.00**

FITTINGS FOR DUCK DECOYS

	Doz.		Doz.
No. **11.** Weedless Cone-Shaped Anchors	**$1.20**	No. **14.** Rawhide Loops for Anchor Cord	**$ .30**
No. **12.** Oval Body Weights.....	**.90**	No. **15.** Screw Eyes for Anchor Cords..	**.10**
No. **13.** Oval Body Weights, extra heavy	**1.30**	No. **16.** Anchor Cords.....	**.30**

FOLDING CANVAS DUCK DECOYS



The chief advantage of these folding decoys is their light weight and the fact that when folded they occupy very little space and can be easily carried. They are made of waterproof canvas and in appearance are most life-like. They are not pneumatic and therefore if struck by stray shot no damage is done. The frame which holds the decoys in shape is wire and is automatic in operation. Always float right side up no matter how carelessly thrown into the water. As there are no delicate parts to get out of order, they will give long service. Mallard carried in stock.

No. **RD.** Duck decoys complete with cords and anchors, packed 1 doz. in a box, 6 males, 6 females, per doz..... **$7.75**

FOLDING TIN PLOVER DECOYS

These decoys are made of two oval shaped parts or sections which when closed together make the exact form of the bird. Are nicely painted, life-like and natural. They pack or nest one into another so that a box containing one dozen measures only 10 in. x 9 in. x 2½ inches. Sticks or mounts are provided with each lot. Not sold in less than dozen lots.

No. **5.** Plover.....Doz. **$4 00**
No. **6.** Yellow Leg..... Doz. **4.00**

CROW DECOYS

These crow decoys are made of paper, are hollow, full-shaped, and waterproofed. They are correct in every detail, natural in appearance, glass eyes and steel wire for a leg. Packed one dozen in crate, weighing about 24 lbs. gross.

No. **23.** Crow Decoys.....Each **$ .40** Doz..... **$4.00**

WHISTLES

NO. 5. DEVELINE. 10C

NO. 9. UNIVERSAL. 15C

NO. 30 ECHO. 35C

NO. T3. TRIPLEX. 25C

DEVELINE WHISTLE

This whistle makes an everlasting racket. It gives a shrieking, whirling noise, weird and distinctive, which grows louder as you blow.

No. **5.** Nickel plated. Weight ¼ ounce..... $ .10

UNIVERSAL WHISTLE

The double tone is startling and far carrying. Is equipped with a 6-inch chain and can be attached to your coat. Finished in full nickel plate.

No. **3.** Small size. $ .15 No. **2.** Medium size $ .20 No. **1.** Large size $ .25

ECHO WHISTLES

Small and handy. Has a pea in the barrel and gives a shrill, piercing sound.

No. **20.** Adapted for basketball or football referees. Nickel plated..... $ .20

No. **30.** Larger and heavier than the Echo, nickel plated over brass..... .35

DUPLEX WHISTLE

This whistle makes a loud, clear, double tone, strong and penetrating.

No. **12.** "Duplex," two tubes, with 10-inch chain. Weight ¾ ounce .... $ .15

No. **T3.** "Triplex," three tubes, 10-inch chain. Weight 1½ ounces..... 25

BOY SCOUT WHISTLE

This is the official whistle of the Boy Scouts. Polished gun metal finish, marked with the official Boy Scout emblem. Gives an exceptionally loud, piercing tone.

No. **B.** Weight ½ ounce..... $ .15

POLICE WHISTLE

Official New York Police whistle. Made of nickeled silver. Has a distinctive strong tone.

No. **35.** 3½ inches long..... $ .50

No. **25.** Same design as No. 35 but brass nickel plated..... .35

METAL DOG WHISTLE

These metal whistles are practically indestructible. The pea in barrel gives a shrill electric tone.

No. **1B.** Britannia, small size...$ .10

No. **2B.** Britannia, medium size .15

GENUINE BONE WHISTLE

Bone whistles have a peculiar tone not found in whistles made of other materials. The size is small enough to slip into vest pocket.

No. **20.** Weight ½ ounce..... $ .10

TALLYHO WHISTLE

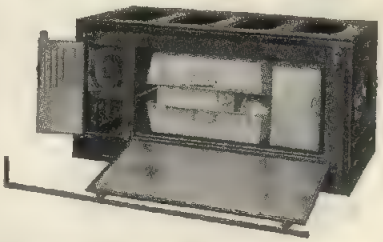
These whistles are horn tips and the shape is attractive. Emit a fine, clear tone and make an excellent dog call.

No. **3H.** Weight ½ ounce..... $ .20

Delivery Prepaid if Cash is Sent with Order at Above Prices

CAMP RANGES

For years these ranges have been the standard of the U. S. Army, Geological and Forestry Departments for outdoor cooking and, where the party to be served is large and light weight is not essential, they give excellent satisfaction. The sides are made of 16 gauge sheet steel with angle iron reinforcements and cast plates. The cooking utensils, which are furnished, pack inside the oven and the lids and stove-pipe inside the firebox. They are the best ranges made for large camping parties.



The weight given includes the utensils.

No. 4. OUTFIT—6 TO 18 PERSONS, WEIGHT 72 LBS., $16.50

2 Pans, 11¼x11¾x2¾ inches
2 Boilers, 11x7x5½ inches
4 Joints Pipe
1 Elbow
1 Basting Spoon
1 Locking Bar, Flue Cleaner, Lifter and Poker combined
3 Dredges, Flour, Salt and Pepper
1 Butcher Knife
1 Cleaver
1 Paring Knife
1 Pint Dipper
2 Covers for Boilers
1 Flesh Fork
1 Shovel
1 Pot Chain

No. 3. OUTFIT—18 TO 36 PERSONS, WEIGHT 165 LBS., $27.50

1 Boiler, 13¾x7¾x7½ inches
1 Boiler, 13¼x7¼x7½ inches
1 Boiler, 12¾x6¾x6¾ inches
2 Pans, 15¼x14¼x3 inches
3 Covers for Boilers
4 Joints Pipe
1 Elbow
1 Shovel
1 Pipe Guard
1 Forged Spoon
1 Steel
3 Dredges, Flour, Salt and Pepper
1 Flesh Fork
1 Cake Turner
1 Cleaver
1 Pot Chain
1 Pint Dipper
1 Paring Knife
1 Wire Broiler
1 Coffee Strainer
1 Skimmer
1 Vegetable Masher
1 Biscuit Cutter
1 Locking Bar, Flue Cleaner, Lifter and Poker combined

No. 2. OUTFIT—36 TO 75 PERSONS, WEIGHT 235 LBS., $38.50

1 Boiler, 16¾x10¾x12 inches
1 Boiler, 16x10x12 inches
1 Boiler, 15¼x9¼x12 inches
2 Pans, 19x16¾x3¾ inches
1 Forged Spoon
3 Covers for Boilers
1 Elbow
4 Joints Pipe
1 Pipe Guard
1 Shovel
1 Dipper
1 Cake Turner
1 Coffee Mill
1 Saw Knife
1 Steel
1 Skimmer
1 Pot Chain
1 Cleaver
3 Dredges, Flour, Salt and Pepper
1 Large Fork
1 Biscuit Cutter
1 Vegetable Masher
1 Wire Broiler
1 Paring Knife
1 Coffee Strainer
1 Locking Bar, Flue Cleaner, Lifter and Poker combined

No. 1. "U. S. ARMY" OUTFIT—75 TO 100 PERSONS, WEIGHT 380 LBS., $49.50

1 Boiler, 20x13¾x12 inches
1 Boiler, 19¼x12¾x12 inches
1 Boiler, 19x12¾x12 inches
1 Broiler, 18¾x11¾x12 inches
2 Pans, 22x20¼x4 inches
1 Saw Knife
1 Wire Broiler
1 Shovel
1 Large Pork
1 Vegetable Masher
4 Lids for Boilers
1 Forged Spoon
1 Paring Knife
1 Cleaver
1 Cake Turner
1 Steel
1 Pot Chain
1 Dipper, 2 quarts
1 Biscuit Cutter
1 Pipe Guard
3 Dredges, Flour, Salt and Pepper
1 Elbow
4 Joints Pipe
1 Skimmer
1 Coffee Strainer
1 Locking Bar, Flue Cleaner, Lifter and Poker combined

No. 10. OUTFIT -150 PERSONS OR LESS, WEIGHT 435 LBS., $55.00

This Range, while more than one-third larger, weighs only 35 lbs. more than the Army Range; length 52 inches, width 24, height 24, oven 32 inches long. Utensils same as No. 1.

Prices quoted are at our store. 5% allowance if shipped f. o. b. factory

CAMP STOVES

BOX STOVES

BOX STOVE

This stove is made of sheet steel, is light, durable and will burn green or dry wood. We furnish 10 feet of telescopic pipe and damper, which is carried in the stove and considerable room is left for packing other duffle. The stove is intended to be set on the ground, inside of an improvised sand box, or a false bottom and legs will be furnished at an extra cost. No. 18 has one cooking hole and Nos. 26 and 31 two holes as shown in cut.

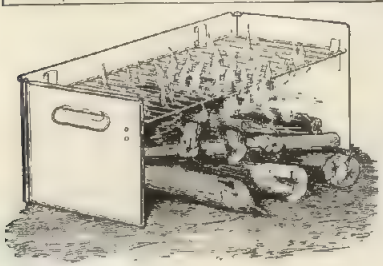
FOLDING STOVE

No.	Size, Inch	Weight	Stove	Bottom
18	10x12x18	14 lbs.	**$4.00**	**$1.75**
26	10x12x26	18 lbs.	**5.00**	**2.00**
31	10x12x31	20½ lbs.	**5.50**	**2.25**
B	Canvas Bag	1½ lbs.	**1.00**	Extra

FOLDING CAMP STOVE

The small space occupied by this stove when folded, the convenience in packing and carrying, and the light weight makes it an ideal heater and cook stove for the sportsman. Folding does not increase the length or width and the thickness is only about one inch. It is made of sheet steel with wired edges, and top braced between holes and firm but light weight sheet steel lids. Each stove is supplied with five lengths of two feet each of telescopic pipe, occupying the room of one only, together with an adjustable spring damper. Our aluminum bakers may be placed against the side of stove and will roast and bake perfectly. No. 18F has one cooking hole, and Nos. 26F and 31F two holes. These stoves are regularly made without a bottom, but we furnish a steel bottom with legs, as illustrated, if desired, at an extra cost.

No.	Size Inch	Weight	Stove	Bottom	No.	Extra	Price
18F	10x12x18	15 lbs.	**$4 50**	**$1 75**	**C**	Canvas case for stove	**$1.00**
26F	10x12x26	19 lbs.	**5 50**	**2 00**	**P**	Canvas case for pipe.	**.50**
31F	10x12x31	21½ lbs.	**6 50**	**2 25**	**A**	Spark Arrester.	**75**



FOLDING BROILER STOVE

A stove which can be readily folded and carried. It can be set up on either ground or rock, as it needs no legs to drive in. Being protected on three sides prevents the spread of fire and makes it more comfortable while cooking. The grate is fastened to the back by sliding hinge, making no loose parts when folded. Measures 10x18x1 inches, weighs 5 pounds.

No. 18. Folding Broiler Stove **$2.50**
No. 18B. Canvas Bag for Stove..... **.50**

PORTABLE CRANE AND HOIST

FRANKLIN

It will be noted that in the operation of this Portable Crane and Hoist the relation of the various parts are such as to insure the proper distribution of the weight and to maintain a perfect equilibrium under all variations of load up to the full capacity of machine.

The yoke rests on the axle The axle is thrown back by raising the handle against the arms and the weight of the machine rests on the front wheels.

When the handle is pulled down the crank axle lifts the weight from the wheels and the entire load is carried by the yoke.

Cast Iron Body of Crane Base, Wheels and Projecting Arms, Cast Steel Front Axle Having a Tensile Strength of 42,000 Pounds Per Square Inch, Roller Bushed.

A wide heavy band of wrought iron reinforces the projecting arms and is bolted through the hook plate and extends through the base. Absolute tests are made of each machine before shipment and capacities are facts not theories.

Nos.	3A	3B	3C	3E
Height of Crane	7 ft. 6 in.	8 ft. 4 in.	9 ft. 5 in.	11 ft. 4 in.
Height of Hoist	6 ft. 3 in.	7 ft. 3 in.	8 ft. 4 in.	10 ft
Width of Bed, Outside	2 ft. 10 in.	3 ft. 2½ in.	4 ft. 2 in.	4 ft. 7 in.
Width of Bed, Inside	2 ft. 3 in.	2 ft. 7 in.	3 ft 6½ in.	4 ft.
Height of Bed, Front	10½ in.	10½ in.	12 in.	12 in.
Height of Bed, Back	6⅜ in.	6½ in.	7 in.	7 in.
Length of Bed	3 ft. 5 in.	3 ft. 11 in.	4 ft. 1 in.	4 ft. 11 in.
Overhang	2 ft 7½ in.	2 ft 8½ in	2 ft. 11 in.	3 ft 11 in.
Capacity, Tons	2	2½	3	3
Weight Each, Lbs	785	1000	1240	1500
Each	$112.50	125.00	150.00	175.00

Designed for use in shops, factories and all places where it is ever necessary to lift heavy bodies or to transfer them from place to place, and this with the least expenditure of time and labor and with safety.

It is easily handled by two men. It is easily moved and every point in the shop is accessible Its great lifting capacity in conjunction with its portability makes it, in many cases, a great deal better than either an overhead crane or an industrial railway.

The many uses for the Portable Crane and Hoist must be obvious. One man alone with its help, can lift a large casting or any piece weighing up to 2 tons and convey it to any part of the works and place it in or on a machine, or deposit it as may be required.

This hoist is ever ready it goes anywhere, everywhere. It aids in reducing the expenditure of labor, and time to the desired minimum.

K Y Type.

YALE ELECTRIC HOISTS

Electric Hoists give from five to ten times the speed of hand hoists and their cost is only a fractional part of electric traveling cranes. For constant lifting they are economical, even when substituted for the cheapest labor.

In choosing an electric hoist it is never safe to sacrifice quality to price. The best is cheapest in the end.

Simplicity should be one of the first considerations in the choice of an Electric Hoist.

Yale Electric Hoists have few and strong moving parts.

The automatic emergency stop safeguards the careless operator.

Direct and Alternating Current Hoists are supplied. For varying speeds the direct hoist is the best. Enquiries and orders should specify kind of hoisting work, voltage of current, and if for alternating current, give phases and cycles.

Before shipment each Hoist is carefully tested and required to lift a 50% overload.

Capacity in Tons	Size Motors, H P	Parts Hoisting Rope	Lift in Feet		Standard Weight		Standard Lift Each
			Standard	Maximum	Direct Lbs.	Alternating Lbs	
1	3	2	15	45	640	560	$.
2	3	2	15	45	640	560	. . . .
4	3	4	15	22	800	720	. . . . .
5	7	2	15	45	1740	1680	. . .
6	3	6	10	15	900	820	. . . . .

Drums for extra lift up to maximum given above can be supplied at an extra list price of $15.00.
The graduated speed foundry controller can be supplied for direct current only at an extra list price of $75.00.
Prices on Application.

YALE ELECTRIC TRIPLEX HOISTS

This Hoist takes the place of chain block at moderate additional cost, and gives from five to ten times the speed. Where any quantity of material from 50 to 4000 pounds has to be repeatedly lifted and lowered, as in serving machine tools, this is the hoist to use.

End View of Electric Triplex Hoist.

The balanced train of spur gears insure high operating efficiency and consequent minimum current consumption, and with this type of gearing satisfactory speeds are obtained. A Weston brake with silent pawl is used to sustain the load.

Capacity Tons	Dimensions			Standard Lift Feet	Weight Each Lbs.	Hoist with Standard Lift, Direct Current Each	Hoist with Standard Lift, Alternating Current Each	Extra List Per Foot
	Min Dis Between Hooks, Inches	Width Over All, Inches	Length Over All, Inches					
½	20	16⅛	34	10	230	$	$	$ . . .
1	25	18	38½	10	360	. . . . .	. . . . .	. .
2	32	18	38½	10	410	. . . . .	. . . . .	. . .

The 1 and 2 ton hoist for direct current service can be furnished with a variable speed controller at an additional list price of $24.00.

Prices on Application.

Clarionets

International or New Standard Pitch is Low Pitch.
American or Concert Pitch is High Pitch.
FRENCH MANUFACTURE.
High Pitch.

No.				Each
52	A,	Grenadilla,	6 brass keys, brass trimmed	$17 60
62	B♭,	"	6 " " "	17 90
72	C,	"	6 " " "	17 80
82	D,	"	6 " " "	17 90
92	B♭,	"	6 " " "	17.80
302	A,	"	10 German silver keys, German silver trimmed	26.90
312	B♭,	"	10 " " " "	26 90
322	C,	"	10 " " " "	26.90
332	D,	"	10 " " " "	26.90
342	E♭	"	10 " " " "	26.90

ALBERT SYSTEM.
In High and Low Pitch.

Low Pitch.	High Pitch.	No.						Each
1452	452	A,	Grenadilla,	With Cork Joints	Albert System.	13	German silver keys, 2 rings, German silver trimmed	$44.30
1462	462	B♭,	"	"	"	13	" " " 2 " " "	44.30
1472	472	C,	"	"	"	13	" " " 2 " " "	44.30
1482	482	D,	"	"	"	13	" " " 2 " " "	44.30
1492	492	E♭,	"	"	"	13	" " " 2 " " "	44.30
1702	702	A,	"	"	"	15	" " " (Ex. B♭ and C♯), 2 rings, German silver trimmed.	54.20
1712	712	B♭,	"	"	"	15	" " " " " " " "	54.20
1722	722	C,	"	"	"	15	" " " " " " " "	54.20
1732	732	D,	"	"	"	15	" " " " " " " "	54.20
1742	742	E♭,	"	"	"	15	" " " " " " " "	54.20

ALBERT SYSTEM.
High Pitch.
With Four Roller Keys. German Silver Finger Holes.

No.				Each
752	A,	Grenadilla, Albert System,	15 German silver keys (Ex. B♭ and C♯), 2 rings	$74.00
762	B♭,	" " "	15 " " " " " "	74.00
772	C,	" " "	15 " " " " " "	74.00
792	E♭,	" " "	15 " " " " " "	74.00

ALBERT SYSTEM.
In High and Low Pitch.
With Four Rings and Four Heavy Gutta Percha Roller Keys.

Low Pitch.	High Pitch.	No.				Each
1652	1602	A,	Grenadilla,	Albert System	15 keys, double B♭ and C♯ trill keys	$74.00
1662	1612	B♭,	"	"	15 " " " " "	74.00
1672	1622	C,	"	"	15 " " " " "	74.00
1692	1642	E♭,	"	"	15 " " " " "	74.00

Piccolos

International or New Standard Pitch is Low Pitch.
American or Concert Pitch is High Pitch.
IN PASTEBOARD CASES. High Pitch.

No.				Each
282	Key of D,	Grenadilla,	with tuning slide, 4 keys, German silver trimmed	$ 4.80
292	Key of E♭,	Grenadilla,	with tuning slide, 4 keys, German silver trimmed	4 80
302	Key of D,	Grenadilla,	with tuning slide, 4 keys, German silver trimmed, cork joints	5.20
312	Key of E♭,	Grenadilla,	with tuning slide, 4 keys, German silver trimmed, cork joints	5.20
322	Key of D,	Grenadilla,	with tuning slide, 6 keys, German silver trimmed	5.75
332	Key of E♭,	Grenadilla,	with tuning slide, 6 keys, German silver trimmed	5.75
342	Key of D,	Grenadilla,	with tuning slide, 6 keys, German silver trimmed, cork joints	6.25
352	Key of E♭,	Grenadilla,	with tuning slide, 6 keys, German silver trimmed, cork joints	6.25
162	Key of D,	Grenadilla,	German silver head and slide joint, 6 keys, German silver trimmed, cork joints	8.30
172	Key of E♭,	Grenadilla,	German silver head and slide joint, 6 keys, German silver trimmed, cork joints	8.30
362	Key of D,	Grenadilla,	*ivory head, with tuning slide, 6 keys, German silver trimmed, cork joints	17.20
372	Key of E♭,	Grenadilla,	*ivory head, with tuning slide, 6 keys, German silver trimmed, cork joints	17.20
1382	Key of D,	Grenadilla,	with tuning slide, 6 keys, German silver trimmed, cork joints, art ivory head	13.80
1372	Key of E♭,	Grenadilla,	with tuning slide, 6 keys, German silver trimmed, cork joints, art ivory head	13 80

IN FINE CASES. High Pitch.

No.				Each
532	Key of D,	Grenadilla,	ivory head, 6 keys, with slide, cork joints, German silver trimmed, Meyer pattern	$21.90
533	Key of E♭,	Grenadilla,	ivory head, 6 keys, with slide, cork joints, German silver trimmed Meyer pattern	21.90
802	Key of D,	Grenadilla,	6 keys, German silver trimmed, cork joints, cylindrical bore, covered holes	30.75
803	Key of E♭,	Grenadilla,	6 keys, German silver trimmed, cork joints, cylindrical bore, covered holes	30.75
1532	Key of D,	Grenadilla,	6 keys, with tuning slide, cork joints, German silver trimmed, art ivory head	16.70
1533	Key of E♭,	Grenadilla,	6 keys, with tuning slide, cork joints, German silver trimmed, art ivory head	16.70

IN PASTEBOARD CASES. Low Pitch.

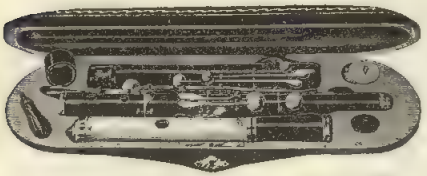
No.				Each
1342	Key of D,	Grenadilla,	with tuning slide, 6 keys, German silver trimmed, cork joints	$ 8.25
1352	Key of E♭,	Grenadilla,	with tuning slide, 6 keys, German silver trimmed, cork joints	8.25
2372	Key of D,	Grenadilla,	with tuning slide, 6 keys, German silver trimmed, cork joints, art ivory head	18.70
2373	Key of E♭,	Grenadilla,	with tuning slide, 6 keys, German silver trimmed, cork joints, art ivory head	18.70
2362	Key of D,	Grenadilla,	ivory head, with tuning slide, 6 keys, German silver trimmed, cork joints	17.20
2372	Key of E♭,	Grenadilla,	ivory head, with tuning slide, 6 keys, German silver trimmed, cork joints	17.20

IN FINE CASES. Low Pitch.

No.				Each
2532	Key of D,	Grenadilla,	with tuning slide, 6 keys, German silver trimmed, cork joints, art ivory head	$18.70
2533	Key of E♭,	Grenadilla,	with tuning slide, 6 keys, German silver trimmed, cork joints, art ivory head	18.70
2523	Key of D,	Grenadilla,	ivory head, 6 keys, with tuning slide, cork joints, German silver trimmed; Meyer pattern	21.90
2533	Key of E♭,	Grenadilla,	ivory head, 6 keys, with tuning slide, cork joints, German silver trimmed; Meyer pattern	21.90
1802	Key of D,	Grenadilla,	6 keys, German silver trimmed, cork joints, cylindrical bore, covered holes	30.75
1822	Key of E♭,	Grenadilla,	6 keys, German silver trimmed, cork joints, cylindrical bore, covered holes	30.75

*Art Ivory, similar in appearance to Elephant Ivory, not liable to crack.

Flutes



International or New Standard Pitch is Low Pitch, American or Concert Pitch is High Pitch.

EIGHT KEYS. HIGH PITCH. IN PASTEBOARD CASES.

No.		Each
2032	Key of D, Grenadilla, with tuning slide, cork joints, German silver trimmings	$17.75
2042	Key of D, Grenadilla, with tuning slide, cork joints, German silver cups, trimmings and embouchure	18.75
2072	Key of D, Grenadilla, with tuning slide, cork joints, German silver head joint	29.20
632	Key of D, Grenadilla, with celluloid head, German Silver lip plate and cork joints	24.00
2062	Key of D, Grenadilla, with tuning slide, cork joints, German silver cups and trimmings, art ivory head	31.25
632	Key of D, Grenadilla, with tuning slide, cork joints, German silver embouchure and finger holes, rosewood case, with swab and grease box	39.05

EIGHT KEYS. LOW PITCH. IN PASTEBOARD CASES.

No.		Each
2022	Key of D, Grenadilla, with tuning slide, cork joints, German silver caps and trimmings	$17.75
3062	Key of D, Grenadilla, with tuning slide, cork joints, German silver caps and trimmings, art ivory head	$21.25

Concert Flutes Meyer Pattern

HIGH PITCH. KEY OF D.

In Morocco Velvet-lined Case, Joint Caps, Grease Box, Swab, Pads and Screw Driver.

No.		Each
2052	8 keys, Grenadilla, with tuning slide, cork joints	$37.10
	8 keys, Grenadilla, with tuning slide, cork joints, ivory head	58.40

ONE KEY. HIGH PITCH. IN PASTEBOARD CASE.

No.		Each
952	Key of B♭, Grenadilla, with tuning slide, German silver trimmed	$ 3.75
972	Key of D, Cocoa, German silver trimmed	6.25
992	Key of D, Cocoa, with tuning slide, German silver trimmed	6.60
1002	Key of D, Cocoa, German silver trimmed, American manufacture	7.80
1032	Key of D, Cocoa, with tuning slide German silver trimmed American manufacture	10.95

FOUR KEYS. HIGH PITCH. IN PASTEBOARD CASES.

No.		Each
932	Key of D, Cocoa, with tuning slide, German silver trimmed	$10.45

SIX KEYS. HIGH PITCH. IN PASTEBOARD CASES.

No.		Each
962	Key of B♭, Grenadilla, with tuning slide, German silver trimmed	$ 7 80
2002	Key of F, Grenadilla, with tuning slide, German silver trimmed	11.75
2012	Key of D, Grenadilla, with tuning slide, cork joints, German silver trimmed	12.50

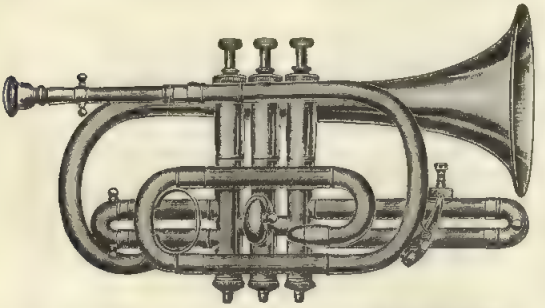
2092	10 keys, Grenadilla, with tuning slide, cork joints	$36.55
2102	10 keys, Grenadilla, with tuning slide, cork joints, ivory head	71.60
2112	11 keys, Grenadilla, with tuning slide, cork joints, ivory head	75.00
2122	13 keys, Grenadilla, with tuning slide, cork joints	46.90
2132	13 keys, Grenadilla, with tuning slide, cork joints, ivory head	78.10
12062	8 keys, Grenadilla, with tuning slide, cork joints, art ivory head	39.05
12102	10 keys, Grenadilla, with tuning slide, cork joints, art ivory head	50.80
12132	13 keys, Grenadilla, with tuning slide, cork joints, art ivory head	62.50

LOW PITCH. KEY OF D.

No.		Each
10002	8 keys, Grenadilla, with tuning slide, cork joints	$37.10
10022	8 keys, Grenadilla, with tuning slide, cork joints, ivory head	58.40
10092	10 keys, Grenadilla, with tuning slide, cork joints	38 55
10102	10 keys, Grenadilla, with tuning slide, cork joints, ivory head	71 60
10132	13 keys, Grenadilla, with tuning slide, cork joints	46.90
10332	13 keys, Grenadilla, with tuning slide, cork joints, ivory head	62.50
10012	8 keys, Grenadilla, with tuning slide, cork joints, art ivory head	39.05
10112	11 keys, Grenadilla, with tuning slide, cork joints, art ivory head	57.80
10142	13 keys, Grenadilla, with tuning slide, cork joints, art ivory head	62.50

Art Ivory, similar in appearance to Elephant Ivory, is not liable to crack or check.

Our Ivory Heads are made of thoroughly seasoned material, finished and perfected in our own factory.



B♭ CORNET WITH QUICK CHANGE TO A.

In Both High and Low Pitches.

No.		Each
4802	Brass, with one water key	$42.25
4812	Brass, nickel plated with one water key	45.35
4802½	Brass, silver plated, satin finish, with one water key	63.90
4813¼	Brass, silver plated, finely burnished, with one water key	76.10
4852	Brass, with two water keys	45.10
4862	Brass, nickel plated with two water keys	49.30
4852¼	Brass, silver plated, satin finish, with two water keys	67.25
4882½	Brass, silver plated, burnished, with two water keys	79.50

B♭ CORNET AMERICAN MODEL—TWO WATER KEYS.

Pearl Finger Buttons.

No.		Each
15782	Brass	$75.00
15762	Brass, nickel plated	79.75
16772	Brass, silver plated, satin finish	97.30
15792	Brass, silver plated, burnished	109.44
15792	Brass, silver plated, burnished, gold bell and tips	131.55

Cornets

LONG MODEL B♭ CORNET—HIGH AND LOW PITCH.

With Water Key.

No.		Each
2062	Brass, with B♭ and A set-pieces	$31.80
2032	Brass, with B♭ and A set-pieces, nickel plated	38.00
2022½	Brass, with B♭ and A set-pieces, silver plated satin finish	54.25
2032½	Brass, with B♭ and A set-pieces, silver plated, burnished	66.20

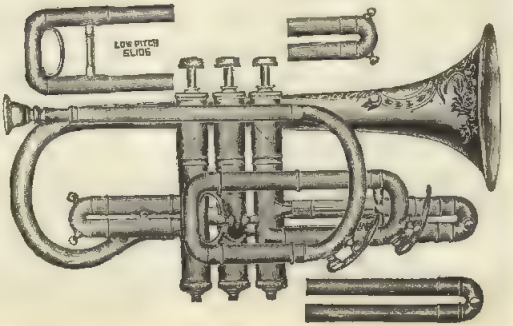
With Double Water Key.

No.		Each
2062	Brass	$38.62
2012	Brass, nickel plated	42.95
2002½	Brass, silver plated satin finish	60.75
2012½	Brass, silver plated, burnished	73.00

Long Italian Model B♭ Trumpets

Rotary Valve

No.		Each
1212	Brass, half German silver trimmed, good quality high and low pitch	$62.80
1212½	Brass silver plated, satin finish	85.00
1262	Brass, full German silver trimmed, fine quality, with water key	62.60
1222½	Brass, silver plated, satin finish, with water key	104.75



Minnow Floats and Traps.

NOVELTY

Galvanized Iron, Japanned and Finely Decorated. Per Dozen

No. 200—24 in. Long, 7 in. Diameter, Conical Ends, Cylindrical Body, Self-Locking Cover with Seamless Knob $85.10

Approx. Weight Per Dozen 72 Pounds.

Open Stock.

GEE'S IMPROVED

Galvanized Wire Cloth and Steel, Funned at Each End, Improved Snap Fastener.

Per Dozen

No. 2—17½ in. Long, 9 in. Diameter $14 50

Approx. Weight Per Dozen 28 Pounds.

One-half Dozen in a Crate.

ORVIS PATTERN

Heavy Flint Glass, Tinned Wire Handles and Legs.

Each

No. 1—12 in. Long, 24 in. in Circumference $3 35

Approx. Weight Each 12 Pounds.

One in a Hinged Wooden Box.

Prepared Shiners.

In Glass Jars. Per Dozen Jars

No. 21—Small Size, for Still Fishing, 1 Pint Jar Contains About 200 Minnows $3.90

No. 22—Medium Size, Mixed, for Still Fishing and Casting, 1 Pint Jar Contains About 150 Minnows 3.90

No. 23—Large Size, for Casting, 1 Pint Jar Contains About 100 Minnows 3 90

Always ready for the hook. They are just as shiny and plump as the day they were caught. You can carry them any distance without the sun or weather affecting them in the least. Pickerel and bass will snap at one the minute they see it, because they are enticing; just the same in color and shape as live shiners. Are put up in 1 pint jars, securely sealed. You can carry them in your grip or pocket.

Approx. Weight Per Dozen Jars 21 Pounds.

One Dozen in a Case.

Trout Baskets.

FRENCH

Nos. 1 to 4.

Fine Quality Willow, METAL FASTENERS.

Nos.	1	2
Inches	11x8¼x5	12x8½x5
Capacity, Lbs.	10	13
Ap. Wt. Per Dozen, Lbs.	12	15
Per Dozen	$23 35	27.80

Nos.	3	4
Inches	13x9¼x5¾	14x10x6
Capacity, Lbs.	19	25
Ap. Wt. Per Dozen, Lbs.	18	20
Per Dozen	$32 25	38 35

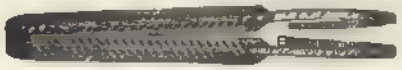
Split Willow, LEATHER FASTENERS.

Nos.	02	03	04
Inches	11x8¼x5	12x8½x6½	13x9¼x6¾
Capacity, Lbs.	10	13	18
Ap. Wt. Doz., Lbs.	11	14	17
Per Dozen	$18.85	20.00	24.50

Nos. 02 to 04.

Open Stock

Trout Basket and Bait Box Straps.



Basket Straps.

Per Dozen

No. 2—Web Center, with Plain Leather Strap, Approx. Weight Per Dozen 1½ Lbs $3 90

Bait Box Straps.

Per Dozen

No. 1—Plain Leather, ⅛ in. Wide, 32 to 40 in. Long. Approx. Weight Per Dozen 3 Lbs $2 25

No. 1½—Plain Leather, ⅛ in. Wide, 44 to 48 in. Long. Weight Per Dozen 3½ Lbs 2 80

Open Stock.

Patent Basket Sling.

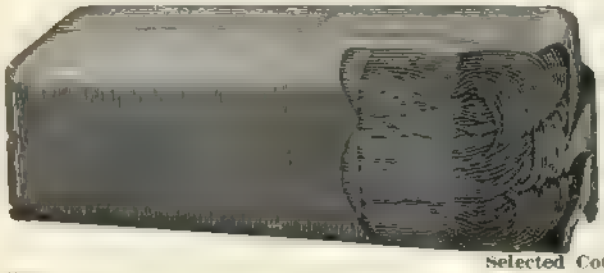
Per Dozen

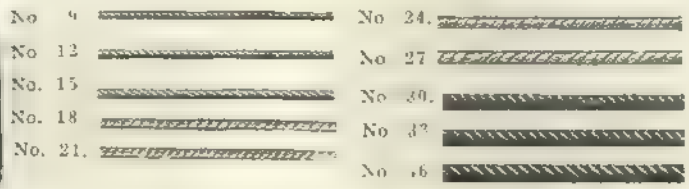
No. 8—Web Center, with Plain Leather Straps $4 50

Approx. Weight Per Dozen 5 Pounds.

Open Stock.

Seine Twine.



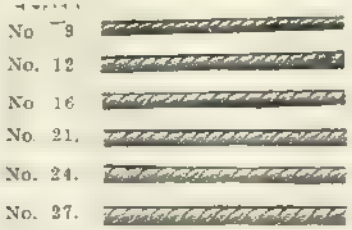


Selected Cotton, Medium Laid.

Nos.	9	12	15	18	21	24	27	30	33	36
Per Pound	$0 58	.56	54	54	.54	54	.54	54	54	54

Five Pounds in a Package
We Do Not Break Packages

Trot Lines.



Made of Special Hard Laid Cotton, Perfectly Smooth, Put Up in Balls.

The Numbers Represent the Weight in Ounces of Each Ball.

Nos.	9	12	16	20	24	27
Ap. Wt. Ball, Lbs.	¼	¾	1	1¼	1½	1¾
Per Pound	$0 51	.51	.51	49	.49	49

One Hundred Pounds in a Barrel.

Staging Twine.

Three Ply Cotton, in. 2 Oz. Balls.

Nos.	21	24	27
Per Pound	$0 51	.51	.51

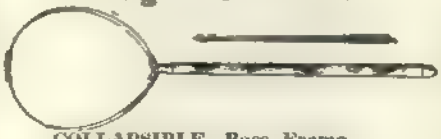
Five Pounds in a Sack

Landing Net Frames.

COLLAPSIBLE, Bass Frame.

	Per Dozen
No. 1—Harrimac, 14x15 in Nickel Plated Steel Ring, 4 ft. Jointed Wood Handle, in Partition Cloth Bag, Ap. Weight Per Dozen 15 Lbs	$24.50
No 2—"Our Own," 14x15 in. Black Enameled Steel Ring, 4 ft. Jointed Wood Handle, in Partition Cloth Bag, Ap. Weight Per Dozen 13 Lbs..	18 00

Open Stock



COLLAPSIBLE, Bass Frame.

	Per Dozen
No. 10—L D. L., 11½x13½ in Black Enameled Steel Ring, 30 in. Mottled Bamboo Handle, Coated with Best Varnish, in Partition Cloth Bag	$13.35

Approx. Weight Per Dozen 9 Pounds

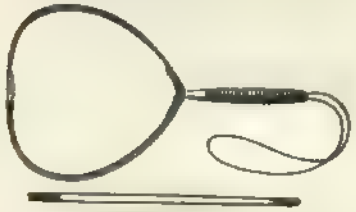
Open Stock

COLLAPSIBLE, Trout Frame.

	Per Dozen
No. 11—I. D. L., 10½x11 in. Black Enameled Steel Ring, 12 in. Mottled Bamboo Handle, with Swivel Hook to Hook on Button or Belt, Always Ready for Use Coated with Best Varnish, in Partition Cloth Bag	$10.60

Approx. Weight Per Dozen 6 Pounds.
Open Stock

Landing Net Frames.



COLLAPSIBLE, Trout Frame.

	Per Dozen
No. 13—10½x11 in. Black Enameled Ring, 6 in. Black Scored Handle, with Rubber Elastic Cord for Carrying Over Shoulder	$13.90

Approx. Weight Per Dozen 6 Pounds.
Open Stock.

Net Rings.

No. 100—Galvanized Iron, Round, to Drive.

Diameter, Inches	12	14
Ap. Wt. Per Doz., Lbs.	6½	7¾
Per Dozen	$2 25	3.00
Diameter, Inches	16	18
Ap Wt. Per Doz., Lbs.	8½	10
Per Dozen	$3.90	4 50

Open Stock.

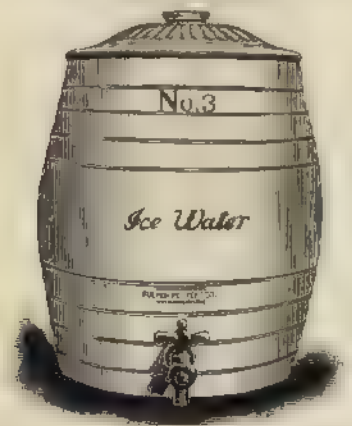
Net Rings.

No. 120—Galvanized Iron, ⅞ in. D Shape, to Drive.

Size, Inches	18
Ap Weight Per Dozen, Lbs.	16
Per Dozen	$5.00

Open Stock

WATER COOLERS
FULPER SANITARY



Fulper Stoneware, Heavily Glazed Inside and Out, and Specially Burned to Retain the Cold, with Faucet.

Nos.	2	3	4	5
Gallons	2	3	4	5
Weight Each, Lbs.	11	14¼	15½	21
Each ... $	...	...	...	...
Nos.	6	8	10	12
Gallons	6	8	10	12
Weight Each, Lbs.	25¼	29¼	35	43
Each ... $	...	...	...	...

WATER COOLER STANDS
STANDARD

Cast Iron Stand, with Drainer and Drip Pail, Japanned to Match "Puritan" and "Standard" Water Coolers.

Nos.	14	15	16
Diam. of Plate, Inches	12¾	15½	19¼
Weight Each, Lbs	150	160	175
Each ... $	...	...	...

No. 14 is for 1, 2, 3 or 4 gallon water coolers.
No. 15 is for 6 gallon water coolers
No. 16 is for 8, 10, 12 or 14 gallon water coolers.

ICE CREAM DISHERS

GEM

Gem—Made of Bronze. Parts that Come in Contact with Cream are German Silver, Nickel Plated, Rosewood Stained Handle.

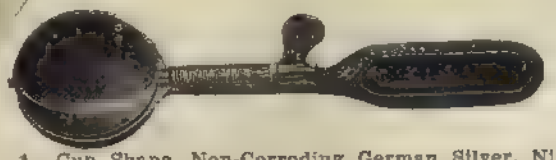
No. Dishes to Quart	6	8	10	12	16
Per Dozen ... $	...	...	...	...	...
No. Dishes to Quart		20	24	30	35
Per Dozen ... $		...	...	...	

CLIPPER

No. 4—Cup Shape, Non-Corroding German Silver, Nickeled Solid Bronze Handle, Wood Handle Forced on Square Shank

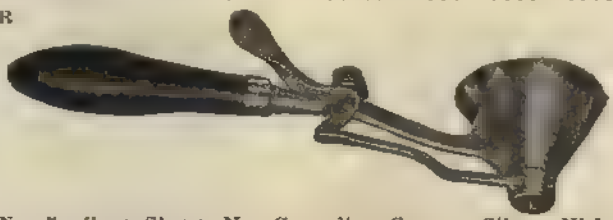
No. Dishes to Quart	6	8	10	12	16
Per Dozen ... $	...	...	...	...	...
No. Dishes to Quart		20	24	30	40
Per Dozen ... $		...	...	...	...

CLIPPER



No. 1—Cup Shape, Non-Corroding German Silver, Nickeled Solid Bronze Handle, Genuine Ebony Handle Piece.

No. Dishes to Quart	6	8	10	12	16
Per Dozen ... $	...	...	...	...	...
No. Dishes to Quart		20	24	30	40
Per Dozen ... $		...	...	...	...



No. 5—Cone Shape, Non-Corroding German Silver, Nickeled Solid Bronze Handle, Wood Handle Forced on Square Shank.

No. Dishes to Quart	6	8	10
Per Dozen ... $	...	...	...
No. Dishes to Quart	12	16	20
Per Dozen ... $	...	...	...

ICE CREAM SCRAPERS
CLIPPER
Steel, Heavily Tinned.

	Each
No. 1—For 8 to 25 Quart Cans ... $	...
No. 2—For 25 to 40 Quart Cans ...	...

Saves you four dishes of ice cream to each quart. Scrapes it smooth and improves the appearance of the service. Easily cleaned and adjusted. Not complicated. Cannot get out of order.

ICE CREAM SPOONS

Extra Strong, Retinned, Wood Handle.

Nos.	212	214	216	218
Inches	12	14	16	18
Per Dozen ... $	...	...	...	...

Twenty-four Dozen in a Case.

WATER COOLERS

TWENTIETH CENTURY DE LUXE

No 1570

The "Twentieth Century De Luxe" is the handsomest water cooler made. The heavily nickel plated metal jacket covers the indurated fibre ice container. Between the fibre ware and the metal jacket is an air space which, together with the fibre ware itself, acts as a double conductor. This saves ice materially, keeping amount used down to a minimum.

With Substantial Leg Stand.

Indurated Fibre Ice Container, Embossed and Highly Polished Nickeled Jacket, White Glazed Porcelain Water Jar, Triple Silver Plated Faucets.

Each

No. 1570—Ice Capacity About 15 Lbs., Height without Bottle 37½ in., Diameter 20 in., for 5 Gallon Demijohn, Nickel Plated Steel Stand with Glass Ball Feet, Nickel Plated Drip Cup, **without Demijohn** . . . . . $.

Shipping Weight About 80 Pounds

Low Feet, for Counter or Stand.

No. 1157A—Ice Capacity About 15 Lbs., Height without Bottle 16½ in., Diameter 15 in., for 5 Gallon Demijohn, Nickel Plated Claw Leg Stand with Glass Ball Feet, **without Demijohn.**

Shipping Weight About 35 Pounds

No. 1157A.

EXTRA FLINT GLASS DEMIJOHNS

Each

No. 5—5 Gallon, for Above Coolers, One in a Carton, Weight Per Carton 15 Lbs. . . . . $. . .

PURITAN

Extra Heavy, Japanned, Extra Finish, Seamless White Enameled Lined, Nickel Plated Lever Faucet.

Nos.	20	30	40
Gallons	2	3	4
Weight Each, Lbs.	14	21	25
Each	$.....	.....	.....
Nos.	**60**	**80**	**100**
Gallons	6	8	10
Weight Each, Lbs.	38	55	60
Each	$.....	.....	..

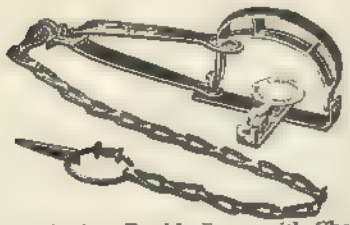
STANDARD

Full Capacity, Japanned, Fancy Decorations, Galvanized Lined, Nickel Plated Push Button Faucet.

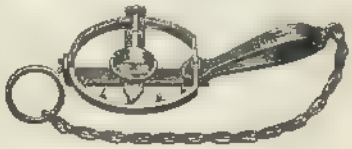
Nos.	01	02	03	04
Gallons	1½	2	3	4
Weight Each, Lbs.	12	14	21	25
Each	$.....	.....	.....	....
Nos.		**06**	**08**	**010**
Gallons		6	8	10
Weight Each, Lbs.		38	55	60
Each		$.....	.....	.....

Steel Game Traps.

GENUINE NEWHOUSE

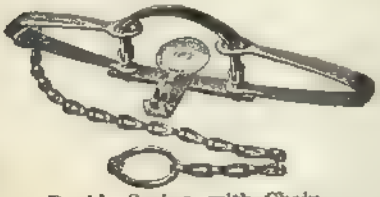


Single Spring, Double Jaws, with Chain.
Per Dozen
No. 01½—Fox, Skunk, Mink, Raccoon or Woodchuck Trap, 9⅝ in. Long, Spread of Jaws 6¼ in., Diameter of Pan 2⅛ in., Length of Chain 22 in., Weight Per Dozen 16⅝ Lbs. $9.60



Single Spring, with Teeth and Chain.
Per Dozen
No. 2½—Otter or Beaver Trap, 11 in. Long, Spread of Jaws 5½ in., Diameter of Pan 2½ in., Length of Chain 26 in., Weight Per Dozen 25⅞ Lbs..... $17.40

Double Spring, with Chain
Per Dozen
No. 2—Fox Trap, 14⅝ in. Long, Spread of Jaws 4⅝ in., Diameter of Pan 2⅛ in., Length of Chain 22 in., Weight Per Dozen 17⅞ Lbs. $11.10



Double Spring, with Chain.
Per Dozen
No. 3—Otter Trap, 17 in. Long, Spread of Jaws 5⅝ in., Diameter of Pan 2½ in., Length of Chain 26 in., Weight Per Dozen 28⅜ in .$14.75

Double Spring, with Chain.
Per Dozen
No. 4—Beaver Trap, 19 in. Long, Spread of Jaws 6⅝ in., Diameter of Pan 2¾ in., Length of Chain 26 in., Weight Per Dozen 38¼ Lbs $17.40

Double Spring, Offset Jaws and Teeth, with Chain.
Per Dozen
No. 14—Beaver or Otter Trap, 19 in. Long, Spread of Jaws 6⅜ in., Diameter of Pan 2¾ in., Length of Chain 26 in, Weight Per Dozen 40 Lbs..... $18 50

Double Spring, Extra Heavy Steel Swivel and Chain, Heavy Snap, Pronged Drag.
Per Dozen
No. 4½—Wolf Trap, 23¾ in. Long, Spread of Jaws 8¾ in., Diameter of Pan 3¼ in., Length of Chain 45 in., Weight Per Dozen 92 Lbs.. ..$42 20

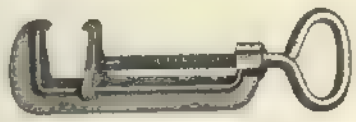
Double Spring, Heavy Chain and Ring.
Per Dozen
No. 5—Bear Trap, 34½ in. Long, Spread of Jaws 11⅝ in., Diameter of Pan 4 in., Length of Chain 18 in., Weight Per Dozen 234 Lbs.....$126.50

Steel Game Traps.

GENUINE NEWHOUSE

Double Spring, with Teeth, Heavy Chain, Swivel and Ring.
Per Dozen
No. 6—Grizzly Bear Trap, 44½ in. Long, Spread of Jaws 16 in., Diameter of Pan 5⅞ in., Length of Chain 23 in., Weight Per Dozen 522 Lbs...$295 25

Setting Clamps.



For Traps No. 14 and Smaller.
Per Dozen
No. 4—2¼ in. Opening, Weight Per Dozen 2¾ Lbs....$2.65

For Traps Nos. 4½ to 6.
Per Dozen
No. 5—4½ in. Opening, Weight Per Dozen 9¾ Lbs....$0 35

One of these Clamps applied to each Spring, will, by a few turns of the Thumb Screw, bend the Springs to their places, so that the Pan may be adjusted without difficulty. They dispense with the inconvenient and dangerous use of Levers.

Steel Game Traps.

ONEIDA JUMP, HIGHEST GRADE

Single Spring, with Chain.

Nos. 0 to 1½.

Per Dozen

No. 0 —Rat, Gopher or Weasel Trap, 5¼ in Long, Spread of Jaws 4 in., Diameter of Pan 1½ in., Length of Chain 16⅔ in., Weight Per Dozen 5½ Lbs. $2.95

No. 1 —Muskrat Trap, 5⅞ in. Long, Spread of Jaws 4⅝ in., Diameter of Pan 2⅛ in., Length of Chain 18½ in., Weight Per Dozen 8 Lbs. 3.20

No. 1½—Mink Trap, 6½ in. Long, Spread of Jaws 5¼ in., Diameter of Pan 2¼ in., Length of Chain 19¾ in., Weight Per Dozen 9½ Lbs. 4.75

No. 2.

Per Dozen

No. 2—Fox, Raccoon or Fisher Trap, 7¾ in Long, Spread of Jaws 5½ in., Diameter of Pan 2¾ in., Length of Chain 19⅝ in., Weight Per Dozen 14⅛ Lbs $6.70

These Traps are Lighter in Weight and therefore easier to carry than the other style They lie very flat and are easily secreted in the runways of animals. The Jaws have full, wide meeting faces, much less likely to break the animal's leg

VICTOR

Single Spring, with Chain.

Per Dozen

No. 0 —Rat, Gopher or Weasel Trap, 6⅞ in Long, Spread of Jaws 3½ in., Diameter of Pan 1½ in., Length of Chain 16½ in., Weight Per Dozen 5 Lbs. $2.15

No. 1 —Muskrat Trap, 8⅛ in. Long, Spread of Jaws 4 in., Diameter of Pan 1¾ in., Length of Chain 18½ in., Weight Per Dozen 7¼ Lbs. . . . 2.50

No. 1½—Mink Trap, 9⅝ in. Long, Spread of Jaws 4⅝ in., Diameter of Pan 2⅛ in., Length of Chain 19¾ in., Weight Per Dozen 11⅝ Lbs. . 3.60

Double Spring, with Chain.

Per Dozen

No. 2—Fox, Raccoon or Fisher Trap, 14⅝ in Long, Spread of Jaws 4⅝ in., Diameter of Pan 2⅛ in., Length of Chain 19¾ in., Weight Per Dozen 13⅝ Lbs. $5.20

No. 3—Coyote, Fisher, Fox or Badger Trap, 17 in Long, Spread of Jaws 5¼ in., Diameter of Pan 2⅝ in., Length of Chain 23 in., Weight Per Dozen 21½ Lbs 7.00

No. 4—Lynx, Coyote or Badger Trap, 19 in. Long, Spread of Jaws 5⅞ in., Diameter of Pan 2⅝ in., Length of Chain 23 in., Weight Per Dozen 24¼ Lbs. 8.25

HAWLEY & NORTON

Single Spring, with Chain.

Per Dozen

No. 0 —Rat, Gopher or Weasel Trap, 6⅞ in. Long, Spread of Jaws 3½ in., Diameter of Pan 1½ in., Length of Chain 16½ in., Weight Per Dozen 5⅞ Lbs. $3.30

No. 1 —Muskrat Trap, 8⅛ in Long Spread of Jaws 4 in., Diameter of Pan 1¾ in., Length of Chain 18½ in., Weight Per Dozen 7¼ Lbs 3.90

No. 1½—Mink Trap, 9⅝ in. Long, Spread of Jaws 4⅝ in., Diameter of Pan 2⅛ in., Length of Chain 19¾ in., Weight Per Dozen 12¼ Lbs. . 5.85

HAWLEY & NORTON

Double Spring, with Chain.

Per Dozen

No. 2—Fox, Raccoon or Fisher Trap, 14⅝ in Long, Spread of Jaws 4⅝ in., Diameter of Pan 2⅛ in., Length of Chain 19¾ in., Weight Per Dozen 15⅞ Lbs. . . . . $ 8.15

No. 3—Coyote, Fisher, Fox or Badger Trap, 17 in Long, Spread of Jaws 5¼ in., Diameter of Pan 2⅝ in., Length of Chain 23 in., Weight Per Dozen 25½ Lbs. 10.90

No. 4—Lynx, Coyote or Badger Trap, 19 in Long, Spread of Jaws 5⅞ in., Diameter of Pan 2⅝ in., Length of Chain 23 in., Weight Per Dozen 29 Lbs 12.85

GENUINE NEWHOUSE

Single Spring, with Chain.

Per Dozen

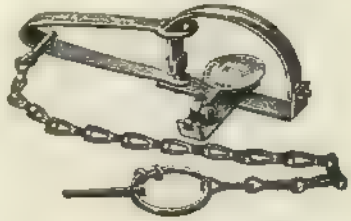
No. 0—Rat or Gopher Trap, 6⅞ in. Long, Spread of Jaws 3½ in., Diameter of Pan 1⅝ in., Length of Chain 19½ in., Weight Per Dozen 7⅝ Lbs. . $4.50

No. 1—Muskrat Trap, 8⅛ in. Long, Spread of Jaws 4 in., Diameter of Pan 1¾ in., Length of Chain 19½ in., Weight Per Dozen 9⅞ Lbs. . 5.30

Single Spring, Double Jaws, with Chain.

Per Dozen

No. 91—Skunk, Mink or Muskrat Trap, 8⅛ in. Long, Spread of Jaws 5⅛ in., Diameter of Pan 1¾ in., Length of Chain 19⅜ in., Weight Per Dozen 10½ Lbs. $6 35



Single Spring, with Chain.

Per Dozen

No. 1½—Mink Trap, 9⅝ in. Long, Spread of Jaws 4⅝ in., Diameter of Pan 2⅛ in., Length of Chain 22 in., Weight Per Dozen 14⅝ Lbs. . $7.90

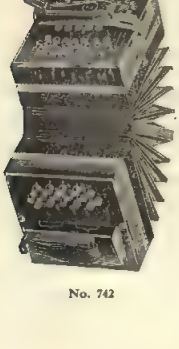
G.W. HUNTLEY & CO. CHICAGO

German Concertinas

SQUARE FORM

1863 1916

No.		Each
742	Rosewood veneered case, with German silver edges, 3 rows of German silver keys on each side, double bellows, single reeds, [illegible] 38 keys, composition bronze reeds, size 7¼x6½ inches	$54.95
752	Rosewood veneered case, with German silver edges, 3 rows German silver keys on each side, double bellows, metal corners single reeds, 76 notes, 38 keys, steel reeds, size 7¼x7 inches.	60 65
752½	Rosewood case, with German silver edges, double bellows with [illegible]	
	Size, 8x7¼ Inches	125 45
762	Rosewood veneered case, with German silver edges and ornamented moulding, cut-off corners inlaid with German silver ornamentation, double leather covered bellows, with German silver corners and bellows protectors, 3 rows of pearl keys on each side 76 notes, 38 keys, 152 steel reeds, tuned in octave or double tuning	168 19
762 4-4	Walnut case, with neat design [illegible] rounded by German silver line, cut corners [illegible] other of pearl and German silver double lines, reinforced triple bellows with German silver patent corners, [illegible] notes, 38 pearl top tiger eye buttons 152 genuine steel reeds size 7¼x7⅞ inches.	230.17
	Size, 9¼x8¼ Inches	
782	Rosewood veneered case, with attractive scroll panel on treble side, ornamented with German silver edges and moulding, cut-off corners neatly inlaid with German silver design, fine leather covered triple bellows with German silver corners and bellows protectors, 3 rows of pearl keys on each side, triple leather covered bellows, with German silver corners and bellows protectors, 76 notes, 38 pearl keys, 202 patent steel reeds 3 sets reeds in treble (unison and octave tuning) Bass has 2 sets of reeds tuned in octaves and 3 sets of reeds in contra-bass	251.15
	Size, 9½x8½ Inches.	
792	Rosewood veneered case, with attractive scroll panel on treble side, German silver edges and moulding, cut-off corners neatly inlaid with German silver design, fine leather covered triple bellows with German silver corners and bellows protectors, 94 notes, 47 pearl keys, 3 rows in treble, 4 rows in bass, 244 patent steel reeds, treble has 2 sets of reeds, bass 2 sets and contra-bass 3 sets of reeds	288.65
802	102 notes, 51 pearl keys, 3 rows on treble side, 4 rows on bass side, 304 patent steel reeds, otherwise same description as No. 792	313.65

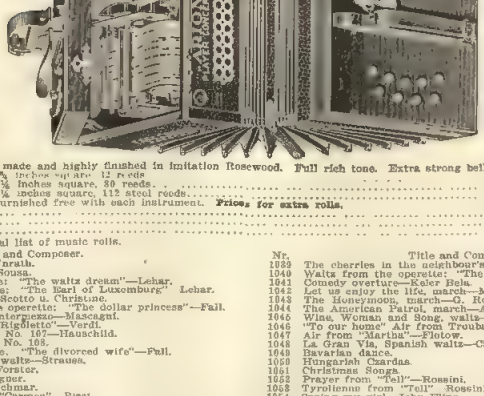


No. 742

No. 762

The Arion Automatic Concertina

GREATEST MUSICAL INVENTION OF THE AGE



NOTHING TO LEARN.

Insert Roll same as a Player Piano and it will play by moving the Bellows.

Beautifully made and highly finished in imitation Rosewood. Full rich tone. Extra strong bellows and motor

No. 12.	Dimensions [illegible] inches square, 12 reeds	each $ 60.00
No. 22.	Dimensions 9⅛ inches square, 80 reeds	each 84.45
No. 32.	Dimensions 9⅛ inches square, 112 steel reeds	each 111.10

Three rolls of music furnished free with each instrument. **Price for extra rolls.**

For No. 12 machine	each $1.70
For No. 22 machine	each 1.90
For No. 32 machine	each 2.45

Below we give a partial list of music rolls.

Nr.	Title and Composer.
1001	King Charles-March—Unrath.
1013	March of volunteers—Sousa.
1003	Waltz from the operette: "The waltz dream"—Lehar.
1004	Waltz from the operette: "The Earl of Luxemburg" Lehar.
1005	The little Tonkin girl—Scotto & Christine.
1006	Rhenish dance from the operette: "The dollar princess"—Fall.
1007	Cavalleria Rusticana, Intermezzo—Mascagni.
1008	Air from the opera: "Rigoletto"—Verdi.
1009	March of the regiment No. 107—Hauschild.
1010	March of the regiment No. 105.
1011	Waltz from the operette, "The divorced wife"—Fall.
1012	Roses from the South, waltz—Strauss.
1013	Our Guards, March—Forster.
1014	Tyrol march—L. F. Wagner.
1015	Tanzbaer march—Kretschmar.
1016	March from the opera, "Carmen"—Bizet
1017	Rhenish dance from the operette. "The merry countryman"—Fall
1018	"Do you know the land" air from the opera "Mignon" Thomas
1019	Waves of the Danube, waltz Ivanovici
1020	Choral Song
1021	"Bride Chorus" from the opera "Lohengrin"—Rich. Wagner
1022	Miserere from Troubadour—Verdi.
1023	The Skaters, waltz—Waldteufel
1024	Barcarole from Hoffman's tales—Offenbach.
1025	Morning papers waltz—Strauss.
1026	Vienna blood, waltz—Strauss
1027	Under the banner of victory, march—v. Blon.
1028	Over the waves, waltz—Rosas
1029	Waltz from the operette: "The Earl of Luxemburg"—Lehar
1030	Tales from the Vienna Wood, waltz—Strauss
1031	Wine waltz—S. Gross.
1032	March from the opera: "Tannhauser"—Rich Wagner.
1033	Love me and the world is mine Ernst R. Ball
1034	Coronation march from the opera: "The prophet"—Meyerbeer
1035	Air from the opera: "The Master singers"—Rich. Wagner
1036	Soldiers' Chorus from "Faust"—Gounod
1037	Kiss Reniah dance from the operette: "The Autumn maneuver" —E. Kalman
1038	Waltz from the operette: "The merry widow"—Lehar.
1039	The cherries in the neighbour's garden—Hollander
1040	Waltz from the operette: "The flitter-mouse" Strauss
1041	Comedy overture—Keler Bela.
1042	Let us enjoy the life, march—M. Simon
1043	The Honeymoon, march—G. Rosey
1044	The American Patrol, march—A. S. Kreymborg.
1045	Wine, Woman and Song, waltz—Strauss.
1046	"To our home" Air from Troubadour—Verdi.
1047	Air from "Martha"—Flotow.
1048	La Gran Via, Spanish waltz—Chuesa y Valverde.
1049	Bavarian dance.
1050	Hungarian Czardas.
1051	Christmas Songs.
1052	Prayer from "Tell"—Rossini.
1053	Tyrolienne from "Tell" Rossini.
1054	Spring my girl—John Fling
1055	Song from the operette: "The Gipsy baron"—Strauss.
1056	[illegible]
1057	Hymno Do Minho—Maria da Ponte
1058	A Portuguezz—A. Kell
1059	Parade of the tin-soldiers—Leon Jessel
1060	In the stork-nest waltz—A. Behling
1061	At the Burgorus—Paul Lincke.
1062	German song
1063	"Who is responsable", waltz of Polish house keeping—Jean Gilbert
1064	Country music, waltz of Polish house keeping—Jean Gilbert.
1065	El Garrotin.
1066	When the father with his son, march from "The virtuous Schoolmaster" Oscar Fetras
1067	Bavarian dance
1068	When [illegible] the small feet waltz from "The virtuous Schoolmaster" Oscar Fetras
1069	Troika Russian waltz
1070	Love dance from "Madame Sherry", Intermezzo—Karl Hoschna.
1071	Bohemian dance—Jan Schuster
1072	Jota La Manchegulta
1073	Bohemian national hymn.
1074	Jota Aragonesa—Arieta.
1093	The Belle of the Barbers' ball.

Violins

All of our Violins are guaranteed to be exactly as represented and will give the best of satisfaction.

Prices Quoted Do Not Include Bows.

GERMAN.

No.		Each
132	German, maple back and sides, spruce top, amber color, pearl flower, inlaid tailpiece	$ 7.95
132	Fine shaded back, good model and finish	7.70
142	Red color, shaded, good model and finish, inlaid edges	10.25
162	German, flamed maple back, spruce top, amber color, slightly shaded	9.20
702	Reddish brown color, shaded, highly polished, ebony fingerboard and tailpiece	10.80
742	Brown and amber color, shaded, highly polished ebony fingerboard and tailpiece	11.55
982	Salzard model, dark red color, flat model pegs, pear. shield in tailpiece, inlaid edges	10.00
412	Kohler model, sandsome red color, shaded, highly polished	12.05
3302	Amber color, shaded, good model and finish, ebony fingerboard, etc.	13.60
3322	Light red color, shaded, highly polished, ebony fingerboard, etc.	16.75
4002	Reddish brown color, shaded, flat model, ebony pegs, polished ebony fingerboard, ebony tailpiece	18.85
3942	Light brown amber color, shaded, highly polished, full ebony trimmed	19.40
3962	Dark brown color, highly polished, deep edges, fine model, full ebony trimmed	19.70
3972	Light brown, slightly shaded, highly polished, full ebony trimmed, modern flat model pegs	22.00
2002	Dark amber color, high finish, ebony fingerboard and tailpiece	24.21
4152	Red brown varnish, slightly shaded, nicely flamed back, sides and neck, full ebony trimmed	32.40
4132	Jacobus Stainer model, chestnut brown varnish, not shaded, flamed maple back, sides and neck, fine spruce top, highly polished rosewood pegs and end pin, polished ebony tailpiece with bone saddle	44.90
3122	Gasper Da Salo model, full medium red color, high polish finish, grand model, double row purfling, scrolls on back, full ebony trimmed	49.30
4612	Bergonzi model, golden red brown translucent varnish, highly flamed nicely matched maple back and sides, fine grain spruce top, French flat model, dull finish, pegs, ebony fingerboard and tailpiece	53.20
3102	Bergonzi model, close imitation of genuine Italian, rich golden orange varnish, very translucent slight shading, highly polished beautifully flamed back and sides, French model ebony tailpiece and dull finish pegs, ebony fingerboard	58.45
9192	Sanctus Seraphine model, reddish brown varnish, finely flamed maple, one piece back, sides and neck to match, fine grained mountain spruce top, highly polished flat model, dull finish, rosewood pegs, ebony tail-piece with gilt lyre ornament, ebony fingerboard rosewood end pin gilt tipped	63 65
9062	Francois Guillmont, Amati model, dark orange color varnish highly polished ebony tailpiece and pegs, with gilt ornaments	79.25

No.		Each
30502	Stradivarius model, dark brown amber, oil varnished, slight shading, high polish finish back, two pieces of beautifully flamed, well seasoned maple, with ribs to match all trimmings are ebony	$51.15
30522	Stradivarius model, dark amber, oil varnish, highly finished light edges, richly flamed two-piece old maple back, ribs to match, neat scroll fine grained spruce top trimmings, ebony throughout, smooth tone	63.60
30512	Stradivarius model, medium reddish amber varnish, highly polished, back of old flamed maple, top of even grained old mountain spruce, full flamed neck, highly polished fingerboard carved tailpiece	79.25
30562	Stradivarius model, oil varnished of medium amber shade old xarret seasoned, highly flamed old stock maple back and ribs, carved tailpiece The tone combines sweetness, strength and far-carrying qualities, in fact, is much superior to the average violin of this grade	97.05
30522	Guarnerius model, reddish amber, oil varnished, beautifully figured old burl maple back in one piece, clean cut scroll, old Hungarian spruce top, neatly carved tailpiece and pegs, fingerboard highly polished, pleasing tone quality of considerable volume, all trimmings of Madagascar ebony	126.10
30602	Stradivarius model dark red amber, oil varnished, high polish finish, back and sides of prominently flamed maple, top of close grained spruce selected from many old Stock, handsomely carved tailpiece, trimmings throughout of fine Madagascar ebony The tone quality embodies sweetness, clearness, strength	167 80

THREE-QUARTER SIZE.

722¾	German, amber color, French flat model, ebony pegs, fingerboard and tailpiece	$11.85
812¾	Light brown color, shaded good model and finish, ebony fingerboard and tailpiece	12.90
302¾	Mittenwald, dark brown color, good model and finish, plain trimmings	13.95
902¾	Mittenwald, dark brown color, fine model and finish	15.25
212¾	Stradivarius model, light amber color, shaded, ebony fingerboard, etc.	14.85
422¾	Red color, good model and finish, ebony fingerboard and tailpiece	17.30
492¾	Brown shaded, fine model, ebony fingerboard and tailpiece	22.50
632¾	Stradivarius model, medium red color, shaded, highly polished ebony fingerboard and tailpiece	26.10
242¾	Mittenwald, medium brown color, fine model and tone, ebony fingerboard and tailpiece	29.80
932¾	Amati model, brown amber color, highly polished, full ebony trimmed	40.19
3012¾	Johann Ferd Pfretzschner, high amber varnish, flamed back and sides, full ebony trimmed	48.00
3022¾	Johann Ferd Pfretzscher, Amati model high amber varnish, flamed back and sides, ebony trimmed, rosewood pegs	63.65

HALF SIZE.

No.		Each
1221/2	German, amber color, maple back and sides, spruce top, pearl flower inlaid tailpiece	$ 7.95
7221/2	German, amber color, French flat model, ebony pegs, ebony fingerboard and tailpiece	11.55
8121/2	Light brown color, shaded, good model and finish, ebony fingerboard and tailpiece	12.90
3021/2	Mittenwald, dark brown color, good model and finish	13.38
9021/2	Mittenwald, dark brown color fine model and finish	14.70
4921/2	Brown shaded, fine model, ebony fingerboard and tailpiece	20.80
6321/2	Stradivarius model, amber color shaded, highly polished ebony fingerboard and tailpiece	23.31
2421/2	Mittenwald Stradivarius model, amber medium brown color, fine model and tone, full ebony trimmed	27.20
9321/2	Amati model, brown amber color, highly polished full ebony trimmed	40.20

Violin Outfits

Each of the following outfits we believe contains the best it is possible for any house to furnish at the price. We could furnish cheaper outfits but they are unreliable and we prefer not to handle them.

VIOLIN OUTFIT J322.

The Violin we furnish in this outfit is a Stradivarius model, finished in a medium brown color and highly polished The black trimmings are of genuine ebony and the measurements are absolutely correct. It has an even, smooth and exceedingly mellow tone and is a good instrument at a low price. With it we furnish a maple bow with ebony frog and pearl slide, a wood violin case, set of strings, rosin and instruction book. Shipped carefully boxed

Price, complete outfit $20.00

VIOLIN OUTFIT J342.

A Violin of real musical merit. It is a full red color and highly polished. Has wide edges and genuine ebony fingerboard and tailpiece. The tone is rich, clear and pleasing and will improve with age. In this outfit we include a Brazil wood bow with leather grip, ebony frog pearl slide and eye and German silver button a black varnished wood case with handle and hooks, one set of superfine quality strings, rosin and instruction book This is a good outfit at a reasonable price and is sure to please. Carefully boxed

Price, complete outfit $25.80

VIOLIN OUTFIT J362.

In this outfit we furnish a genuine Maggini Model Violin of excellent quality and fine tone. This Violin is a light red color, very highly polished with a double row of inlaying and with ebony fingerboard and tailpiece. The top is of very carefully selected old spruce. An instrument of this quality usually sells alone at far more than we ask for the entire outfit. The bow is Brazil wood octagon stirk ebony frog with pearl inlaid eye and slide, German silver lined and German silver button. We also include a black varnished wood case half lined with flannel with handle hooks and lock one set of superfine quality strings, cake of rosin and an instruction book. A fine outfit for a low price

Price, complete outfit $29.90

VIOLIN OUTFIT J382.

A fine conservatory Stradivarius Model Violin beautifully finished in a reddish brown color and highly polished. The top is of fine straight grained old spruce and trimmings solid ebony. In point of tone this instrument is strong, yet possessing a sweetness and smoothness that is remarkable in a new violin at such a low figure The bow is Brazil wood, with ebony frog, pearl inlaid eye and pearl slide, German silver lined, German silver button and leather grip. The wood case is exposition shape, varnished black full flannel lined, with lock, handle and spring clasps as shown in illustration above. We also furnish 1 set extra quality strings, cake of rosin and instruction book A very fine outfit carefully boxed for shipment.

Price, complete outfit $33.80

1/8 or 3/4 size Violins in any of the above outfits at the same price.

G.W. HUNTLEY CHICAGO

1863 1916

Violoncellos

Prices Quoted do Not Include Bows

With Peg Heads

No.		Each
122	Reddish brown color, good quality	$ 45.16
142	Reddish brown color, better quality	47.32
312	Light red color, good quality, inlaid edges	72.32
322	Reddish brown color, good quality, polished ebony finger-board	85.00
	THREE-QUARTER SIZE.	
202	Three-quarter size, reddish brown color, polished inlaid edges, superior quality	62.24
332	Genuine Mittenwald, Stradivarius model, medium brown color, ebony pegs and tail-[illegible] workmanship	81.88
No.	**ONE-HALF SIZE.**	Each
212	Genuine Mittenwald Stradivarius model, medium brown color, ebony pegs and tailpiece, excellent workmanship	81.88

With Patent Heads

No.		Each
2012	Reddish brown color, fair quality	52.38
2032	Medium brown color, polished, good quality	57.98
2152	Reddish brown color inlaid edges, better quality, brass plates	62.24
2402	Dark brown color, fine quality, inlaid edges, ebony finger-board, brass plates	72.02
2592	Dark brown color, inlaid edges, superior quality, brass plates	80.53
3002	Genuine Mittenwald, Stradivarius model red brown color, fine quality, brass plates, adjustable brass end pin	107.20
2652	Stradivarius model, medium red color, highly polished ebony trimmed, brass patent heads	169.09

Double Bass Viols

Double Bass with Patent Heads

Prices Quoted Include Bows

No		Each
	ONE-QUARTER SIZE.	
582	4 strings, dark red shaded, polished, good quality	$100.05
	HALF SIZE.	
602	3 strings, dark red, shaded, polished, good quality	$ 98.60
612	4 strings, dark red shaded polished, good quality	102.87
712	4 strings, dark red, shaded, polished, better quality, with ebony fingerboard	121.16
652	4 strings, dark red, shaded, polished, inlaid edges, swelled back, fine quality	152.74
No.	**THREE-QUARTER SIZES.**	Each
622	3 strings, dark red, shaded, polished, good quality	$107.06
632	4 strings, dark red, shaded, polished, good quality	112.73
732	4 strings, dark red, shaded, polished, better quality, with ebony fingerboard	131.02
672	4 strings, dark red, shaded, polished, inlaid edges, reinforced sides fine quality	140.27
742	4 strings, dark red, shaded, polished, inlaid edges, fine quality, with ebony fingerboard	158.26
692	4 strings, dark red, shaded, polished, inlaid edges, swelled back brass patent heads, fine quality	177.39
752	4 strings, dark brown color, swelled back, ebony fingerboard and tailpiece, extra fine quality, brass patent head. For artists	358.76
No.	**Full (4-4) Size.**	Each
762	4 strings, dark brown amber, shaded, inlaid edges, swelled back, reinforced sides, brass patent heads. Excellent quality. Best ebony fingerboard	427.68

WE DO NOT WARRANT DOUBLE BASSES AGAINST CHECKING OR WARPING.

Violin Bows

No.		Each
2352	Maple, red painted, black frog, bone button	$ 0.70
2582	Maple, imitation snakewood, ebony frog, inlaid dot, bone slide and button	1.20
2592	Maple, black finished, bone frog, inlaid eye, bone slide and button	1.50
2852	Maple, imitation snakewood, ebony frog, inlaid dot, pearl slide, German silver button	1.55
2932	Brazil wood, natural color, ebony frog, inlaid dot, pearl slide, bone button	2.40
2942	Cherry finish stick, ebony frog, German silver full lined pearl slide, pearl eye, button of German silver and ebony, silvered grip	2.60
602	Brazil wood, imitation iron wood, ebony frog, inlaid dot, pearl slide, German silver capped button	2.50
622	Brazil wood, imitation iron wood, ebony frog, German silver lined, German silver capped button	2.90
292	"Tourte" Brazil wood, octagon stick, ebony frog, pearl inlaid eye, pearl slide, German silver lined, German silver button	3.40
482	"Tourte" model, Brazil wood, octagon stick, ebony frog, full German silver lined, large pearl eye, German silver bound, pearl slide [illegible] in silver and ebony button, full leather grip with gilt stamped edges	4.00
6802	"Reform" Brazil wood, dark color, ebony frog, double pearl eye, pearl slide, full German silver lined, German silver button, leather grip	5.25
332	Brazil wood, imitation snakewood, imitation ivory frog and button, double pearl eye, German silver lined	4.60
352	Ebonite, snakewood, ivory frog, double pearl eye, German silver lined, ivory button	9.00
5502	"Kramer Gretz," pernambuco wood, octagan stick, pearl eye, pearl slide full German silver trimmed, German silver button, leather grip	15.60
7422	Fine [illegible], pernambuco wood, octagon stick, real silver full mounted ebony frog and button	30.80
5082	Abt, Prof., medium shade pernambuco octagon stick, pure silver lined Madagascar ebony frog, screw button, pure silver and ebony grip of silvered winding and leather.	26.05
5102	"Aug. Franz," very choice pernambuco round stick, handsome frog of Madagascar ebony with rounded back edge; grip of silvered winding and leather; cap button and metal trimmings, all of pure silver	36.50
No	**HALF SIZES**	Each
1182	Beechwood, cherry finish, ebony frog, pearl slide and eye, German silver and ebony button	$1.55
242	Brazil wood, ebony frog, leather grip, inlaid dot, pearl slide, German silver button, better quality	2.30
212	"L. Wenzel," Brazil wood, ebony frog, pearl slide, pearl eye, full German silver lined, German silver button	2.90
252	Pernambuco wood, ebony frog, pearl eye, full German silver lined, pearl slide, German silver button	5.25
282	Pernambuco wood, ebony frog, pearl eye, full German silver lined, pearl slide, extra fine quality	8.35
No.	**THREE-QUARTER SIZES.**	Each
1302	Beechwood, cherry finish, pearl slide and eye German silver and ebony button	$1.55
262	Brazil wood, ebony frog, leather grip, inlaid dot, pearl slide, German silver button, better quality	2.50
312	"L. Wenzel" Brazil wood, ebony frog, pearl slide, pearl eye, full German silver lined, German silver button	3.06
372	Pernambuco wood, ebony frog, full German silver lined, pearl slide German silver button	5.45
382	Pernambuco wood, ebony frog full German silver lined, pearl slide extra fine quality	8.60

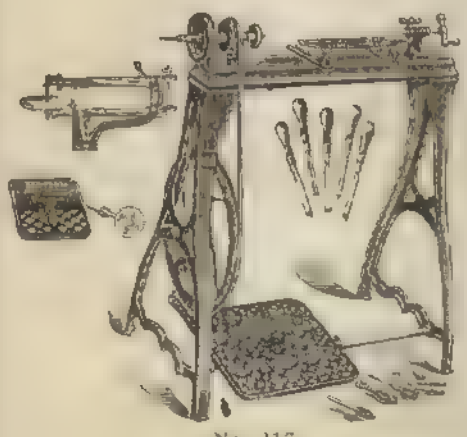
Violoncello Bows

No.		Each
1222	Brazil wood, ebony frog, pearl eye, pearl slide German silver button	$ 3.35
982	"Vuillaume a Paris," pernambuco wood, ebony frog, double pearl eye, full German silver lined, pearl slide, German silver button	8.69
4402	"L. Bausch Leipzig" pernambuco wood, ebony frog, double pearl eye, full German silver lined, pearl slide, German silver button	16.70
253	Genuine "Leon Bernardel," pernambuco wood, round stick, ebony frog, pearl eye, pearl slide, pure silver trimmed	57.30

Double Bass Bows

No.	**GERMAN MODEL.**	Each
213	Brazil wood, natural color, ebony frog, pearl inlaid eye, pearl slide, "German Model"	$10.45
502	Pernambuco wood, dark color, ebony frog, German silver lined, pearl inlaid eye, pearl slide, German silver button, "German model"	18.75

LATHES AND SAW ATTACHMENTS



No. 317

GOODELL'S

Japanned Iron Frame, Nickel Plated Parts.

	Each
No. 317—Swing of Lathe 5 in., Distance Between Centers 13½ in., Distance of Bed from Floor 27 in., Length of Bed 24 in., 4½x⅝ in Emery Wheel, Accurate Drill Chuck Holding from 0 to ¼ in. Diameter Round Shank Drills, Long and Short Tool Rests, Drill Spindle with Chuck for Drill Points for Wood Boring, Complete with 5 Turning Tools, Drill Points, Wrench, Etc **without** Scroll and Circular Saw Attachments, Net Weight 50 Lbs., Boxed Weight 71 Lbs.	$15.00
No. 318—Scroll Saw Attachment, Nickel Plated Table, Ashwood Arms, Dust Blower, Adjustable Saw Guide and Lever, Complete with Saw Blades, Designs, Etc., Net Weight 7 Lbs., Boxed Weight 16 Lbs.	3 00
No. 319—Circular Saw Attachment, with 6x7 in. Saw Table, Saw Arbor, 3 in. Diameter Saw Blade and Straight Edge Guide, Net Weight 3 Lbs.	1 25

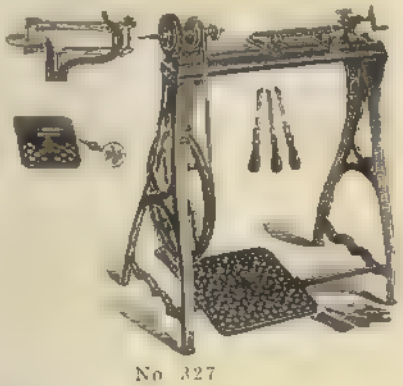
This Lathe has drive wheel and cone pulley with two grooves to permit change of speed. Lathe head has 2 in. face plate and spur center and screw center for turning cups. Has Tail Stock with Screw Feed clamped at any point.

One in a Wooden Box, Knocked Down.

COMPANION

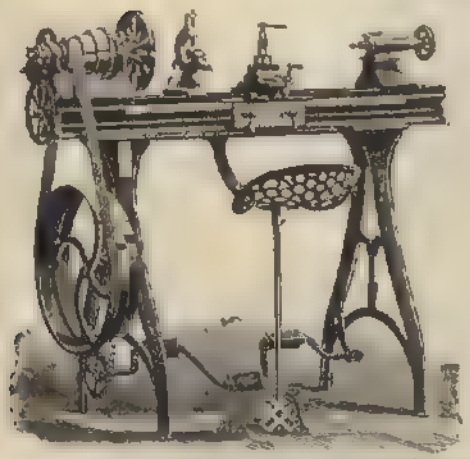
	Each
No. 327—Same as the Goodell Lathe Described and Illustrated Above, with the Exception that it is not so Highly Finished, Nor is Drill Chuck or More than Three Turning Tools Furnished. Net Weight 50 Lbs., Boxed Weight 71 Lbs.	$12.50
No. 318—Scroll Saw Attachment, Same as Furnished with No. 317 Lathe	3.00
No. 319—Circular Saw Attachment, Same as Furnished with No. 317 Lathe	1 25

Note—When Ordering, Always State Whether Either or Both of the Saw Attachments are Wanted.



No. 327

SCREW CUTTING LATHES



11 INCH SWING

This Lathe swings 11 in. on the face plate, 6⅝ in. over the tool carriage, and is 34 in. between centers.

The Head Stock has a steel spindle with ¾ in. hole through its entire length.

The Boxes are accurately fitted to the spindle with provision to keep them true and take up wear.

The Tail Stock can be readily set at any desired point or taken altogether from the lathe bed, thus leaving it free for face plate or chuck-work. It can also be set over for turning tapers.

The Spindles of both head and tail stocks are of steel, with positively true taper holes for the reception of the centers, and the tail stock center is self-discharging.

The Tool Carriage is a model of convenience and accuracy and is gibbed to the bed.

The Tool Carriage swivels so that the tool can be set to work at any desired angle, and it also adapts the lathe for taper boring.

All the works are securely protected from chips and dirt, thus insuring long wear and durability to the most costly and vital parts of the lathe.

Indexed for threads 4 to 40, and the change gears furnished can be combined for many other threads.

As a right or left screw cutting lathe it is simply perfect.

All the gearing is cut from solid metal in the best machinery known for gear cutting, and is as true and noiseless as is possible for metal gearing to be.

	Each
No. 5 11 in. Swing, with Foot Power or Countershaft, Weight Each Boxed 500 Lbs.	$115 00

EXTRA PARTS

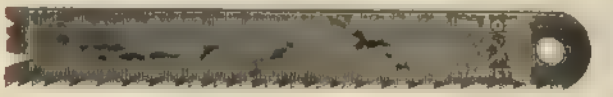
	Each		Each
Compound Rest in Place of Plain Rest	$10 00	Raising Blocks to Swing 17 in., for Turning and Boring	$15 00
Follower Rest	3 50	Countershaft, 7x2 in. Pulleys, Should be Speeded 225 R. P. M.	15 00
Hand Rest	3 50		

NOTE—When Ordering Lathes, be Particular to State Whether Wanted with Foot Power or Countershaft; if with Foot Power, State Whether Velocipede or Stand-Up Treadle.

HACK SAW BLADES

STARRETT'S

Starrett's Hack Saw Blades are made of the finest grade of steel, tempered by an improved process, which leaves them hard and tough so that they will not "shell off," and uniform in temper. They are too hard to file. The teeth are sharp, with square cutting points, set evenly and in such a manner that every tooth cuts.



No. 103—With Regular Teeth, 18 to the Inch, for General Use in Hand Frames.

For Sawing all Solids, Tool Steel, Wrought Iron, Cast Iron and Slate.

Length, Inches	8	9	10	12
Width, Inches	5/16	5/16	1/2	1/2
Thickness, Inches	.022	.022	.025	.025
Per Gross	$8 00	9 00	10 00	12 00

No. 250—Flexible Back, with Regular Teeth, 18 to the Inch, for Use in Hand Frames.

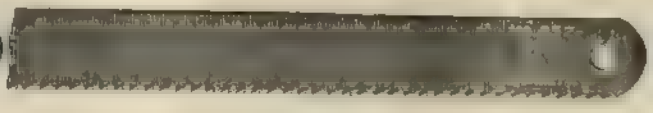
Especially Recommended for Difficult Sawing where Saw is Liable to be Strained or Used by Unskilled labor.

Length, Inches	8	9	10	12
Width, Inches	5/16	5/16	1/2	1/2
Thickness, Inches	.022	.022	.025	.025
Per Gross	$8 00	9 00	10 00	12 00

No. 102—With Fine Teeth, 24 to the Inch, for Use in Hand Frames, on Tubing, Etc.

For Sawing Tubing, Brass, Copper and Sheet Metal, and Cutting Light Angle Iron, Wrought Iron Pipe, Electric Casing, Tool Steel and Brass

Length, Inches	8	9	10	12
Width, Inches	1/2	1/2	1/2	1/2
Thickness, Inches	.022	.022	.025	.025
Per Gross	$8 00	9 00	10 00	12 00



No. 252—Flexible Back, with Fine Teeth, 24 to the Inch, for Use in Hand Frames, on Tubing, Etc.

For Sawing Tubing, Brass, Copper and Sheet Metal.

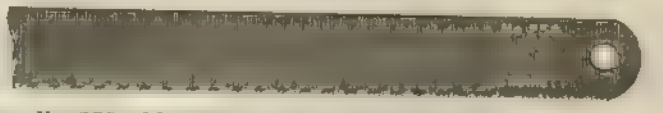
Length, Inches	8	9	10	12
Width, Inches	1/2	1/2	1/2	1/2
Thickness, Inches	.022	.022	.025	.025
Per Gross	$8.00	9.00	10.00	12.00

The Flexible Back Blades are made of the finest grade of steel especially adapted to the purpose, hardened and tempered on the cutting edge only, with flexible back

No. 253—With Extra Fine Teeth, 32 to the Inch, for Use in Hand Frames on Tubing, Etc.

For Cutting Brass Tubing, Sheet Steel and all Thin Metals.

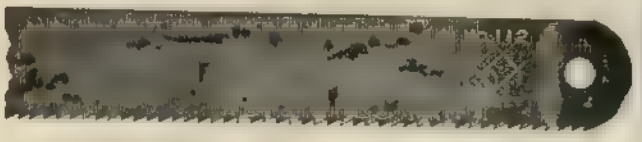
Length, Inches	8	9	10	12
Width, Inches	1/2	1/2	1/2	1/2
Thickness, Inches	.025	.025	.025	.025
Per Gross	$8.00	9.00	10.00	12 00



No. 258—Flexible Back, with Extra Fine Teeth, 32 to the Inch, for Use in Hand Frames, on Thin Sheet Metals, Etc.

For Sawing Thin Sheet Metal and Tubing.

Length, Inches	10	12
Width, Inches	1/2	1/2
Thickness, Inches	.025	.025
Per Gross	$10.00	12.00



No. 112—With Regular Teeth, 18 to the Inch, for General Use in Light Power Machines or Hand Frames.

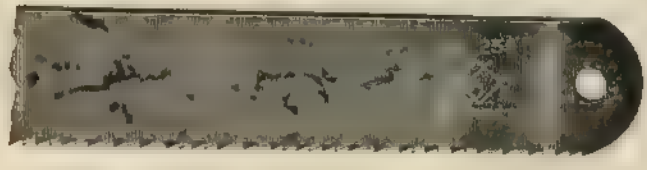
For Cutting Brass Tubing, Sheet Steel and all Thin Metals

Length, Inches	10	12	14
Width, Inches	5/8	5/8	5/8
Thickness, Inches	.030	.030	.030
Per Gross	$12 60	12 60	16 20

No 114—With Regular Teeth, 14 Teeth to the Inch, for Work in Medium Weight Power Machines.

Length, Inches	10	12	14	16
Width, Inches	3/4	3/4	3/4	3/4
Thickness, Inches	.032	.032	.032	.032
Per Gross	$13.50	16.20	18.90	21.60

The lengths given on No 114 blades refer to distance from center to center of holes, except in 14 in., which are 13½ in. from center to center of holes



No. 255—With Regular Teeth, 14 Teeth to the Inch, for Use in High Speed Power Machines.

These Blades are ¾ in. Wide, .049 in. Thick, Hardened throughout and Especially Adapted for Heavy Work.

Length, Inches	12	14	16	17	18
Per Gross	$23 40	27 30	31 20	33 15	35 10

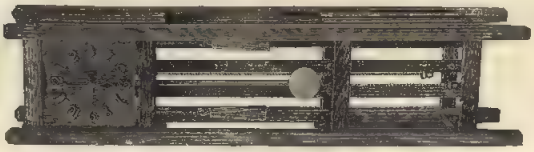
The lengths given on No 255 blades refer to distance from center to center of holes, except in the 14 and 17 in. lengths, which are 13½ and 16½ in respectively from center to center of holes.

No. 2606 **CINCINNATI—$291.65.**
Hall Clock.
Mahogany case
Height, 6 feet 10 inches. Width, 20 inches. Round silver-plated dial, 12 inches. Half-hour strikes on harp gong, 4 staffs. Eight-day chain movement

No. 74 **HALL CLOCK—$124.50**
Oak or mahogany finish, 8-day chain weight, half-hour strike gong, beats seconds; 12-inch gilt and silver dial; height 88 inches; width 22¾ inches. Waterbury

SHEFFIELD—$137.50
Solid mahogany 8-day weight half-hour strike cathedral gong, 12-inch etched metal dial; height 93½ inches, width 21¾ inches. New Haven

No. 2585 **ST. LOUIS—$223.35**
Westminster Chime Hall Clock, dark oak case height 8 feet 4 inches width 18½ inches; arch dial, 9x13½ inches; full Westminster chime on five tube-staffs; eight-day spring movement; (two weights)



No. 20 **DUTCH—$76.25**

Solid oak, Flemish finish, 8 day weight, half hour strike, cathedral gong, 12-inch wood dial, cast hands and numerals height 78 inches, width 18½ inches. New Haven

G.W. HUNTLEY & CO. CHICAGO

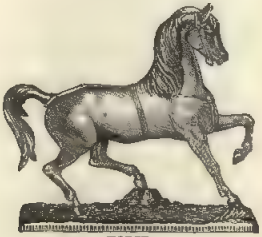
Bronze Clock or Mantel Figures

1863 1915

PRICES EACH

HORSE TAMER
No. 411 Bronze $3.20
Height 7 inches, width 7 inches.

STAG
No 407 Bronze $2.60
Height 9 inches, width 5⅝ inches



HORSE
No. 402 Bronze $1.50
Height 8⅛ inches, width 9¾ inches

BONNER
No. 414 Bronze $3.00
Height 7⅛ inches, width 8½ inches.

POINTER
No 202 Bronze $5.00
Height 8 inches; width 12 inches.

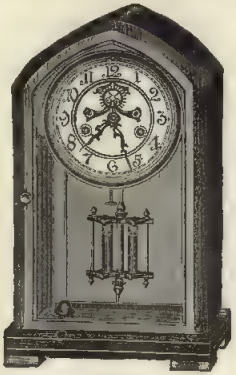
MUSIC
No 415 Bronze $2.80
Height 5⅝ inches; width 6¾ inches.

Fine Wood Crystal Regulators

Manufactured by the Waterbury Clock Co.

TROUTVILLE
Mahogany or Circassian Walnut
8 Day. Half-hour Strike Gong $40.35
3¾ inch Ivory Dial
Cast Gilt Bezel.
Beveled Glass Front and Back
Height 9½ inches. Width 5⅝ inches.

FONTAINE
Mahogany or Circassian Walnut
8 Day. Half-hour Strike Gong $51.35
5-in. Porcelain Dial Cast Sash
Convex, Beveled Glass Beveled Glass Front.
Height 10¾ inches. Width 9½ inches



LOZERE
Mahogany or Circassian Walnut
8 Day Half hour Strike Gong $45.85
4½ inch Ivory Dial
Ivory Center. Visible Escapement.
Cast Gilt Bezel
Beveled Glass Front and Back.
Height 10¾ inches. Width 6¼ inches.

ROSETTE OR PATTY IRONS

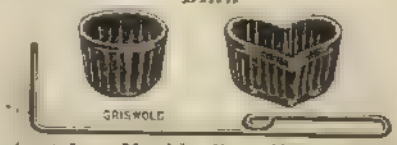
SHALLOW

Cast Iron Moulds, Bent Wire Handle.

Per Dozen Sets

No. 1 Shallow Style, Cast Iron, Set Consists of Two Moulds and Bent Wire Handle, Weight Per Dozen Sets About 12 Lbs.....$....

DEEP



Cast Iron Moulds, Bent Wire Handle.

Per Dozen Sets

No. 2 Deep Style Cast Iron Set Consists of Two Moulds and Bent Wire Handle, Weight Per Dozen Sets About 18 Lbs..... $....

The bent wire handle is always cool and will not twist in the hand. The points under bottom of mould keep the wafer from bottom of pan when left to dry.

One Set in a Neat Display Box.

TIMBALE IRONS

Nickel Plated Head and Shank, Wood Handle.

	Per Dozen
No. 1—Plain Round	$ ..
No. 2—Plain Oval	..
No. 3—Fluted Round	..
No. 4—Fluted Oval	..
No. 5—Fluted Diamond	..
No. 6—Fluted Heart	..
No. 7—Fluted Spade	..
No. 8—Fluted Club	..

WAFFLE IRONS

AMERICAN

Regular Style, Extra Finished, Wire Handles.

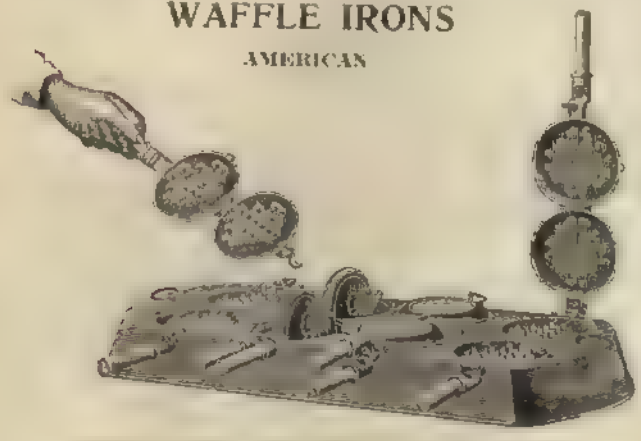
Nos.	6	7	8	9
Diam. Pan, Inches...	5¾	6¾	7¾	8¾
Diam. Bot. of Ring, In.	8	8¾	9⅞	10⅝
Wt Per Dozen Lbs	75	87	120	140
Per Dozen ..... $....		....	....	....

Deep Ring, Extra Finished, Wire Handles, Specially Adapted for Gas and Vapor Stoves.

Nos.	7D	8D	9D
Diam. Pan, Inches.....	6¾	7¾	8¾
Wt Per Dozen, Lbs.....	128	162½	208
Per Dozen ..... $....		....	....

WAFFLE IRONS

AMERICAN



French Pattern, Extra Finished, Wood Handles.

Nos.	7	8	9
Pair of Pans.....	2	3	4
Diam. Pan, Inches.....	4	4	4
Length Frame, Inches..	14½	20	22½
Width Frame, Inches .	11½	11½	11½
Wt Per Dozen Lbs	200	275	380
Per Dozen	$.....	.....	.....

SOAPSTONE GRIDDLES

ROUND

Round, Galvanized Iron Banded.

Size, Inches	10	12	14	16
Wt. Per Dozen, Lbs..	82	96	132	154
Per Dozen ..... $....		....	....	...

OVAL

Oval, Galvanized Iron Banded.

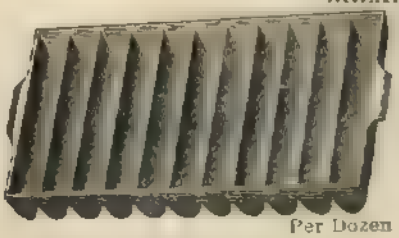
Size, Inches.....	8x16	9x18	10x20	11x22	12x24
Wt. Dozen, Lbs.	65	75	110	125	148
Per Dozen ..... $ ..	..	..	..	..	..

Soapstone Griddles are used by all progressive housekeepers No grease smoke burnt cake or disagreeable odor

EXTRA FINISH HOLLOW WARE

Extra High Grade Smooth Castings, Free from Paint, Sand Holes and Gate Marks.

BREAD PANS



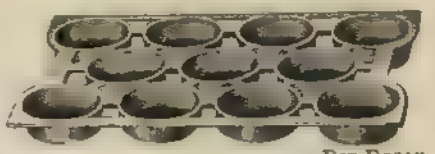
Per Dozen

No. 22 — 13⅝x7⅝ in., 11 Cakes, Size of Cake 7x1⅛ in ..... $

Per Dozen

No. 6 12½x6½ in., 6 Cakes, Size of Cake 6x1⅝ in....$....

GEM PANS



Per Dozen

No. 12—11x7¼ in., 11 Cakes, Size of Cake 2¼x⅝ in..$

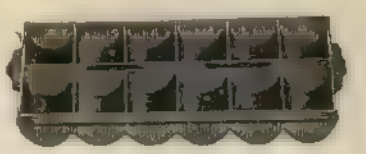
Per Dozen

No. 9—10⅝x7 in., 12 Cakes, Size of Cake 2⅛x1 in....$....

GEM PANS

Per Dozen

No. 20—10⅝x7½ in.. 11 Cakes, Size of Cake 2x⅝ in. ..... $



Per Dozen

No. 11 —11⅝x6⅞ in.. 12 Cakes, Size of Cake 3x1⅞x⅞ in . . . . $.

GEM PANS

Per Dozen

No. 10—10⅛x7⅛ in., 11 Cakes, Size of Cake 2⅛x1⅝ in. .....$....

GLUE POTS

Cast Iron, Double, Japanned Outside, Tinned Inside Pot.

Nos.		0000		000
Per Dozen		$		
Nos.		00		0
Per Dozen		$		
Nos.		1		2
Per Dozen		$		
Nos.	3	4	5	6
Per Dozen	$....			

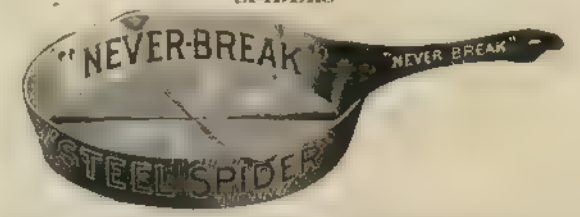
SEAMLESS STEEL HOLLOW WARE

CAKE GRIDDLES

Raised Cooking Surface Prevents Cake from Burning. Mirror Polished, with Ball.

Nos.	12	14	16
Cooking Surface, Inches	12	13	14
Wt Per Dozen, Lbs	48	56	64
Each $	....	....	....

SPIDERS



Seamless, Made from One Piece of 14 Gauge Steel, Lipped, Cold Hollow Handle, Mirror Polished.

Nos.	7	8	9	10	12
Bottom, Inches	8	9	10	11	12
Wt Per Dozen, Lbs	36	42	48	54	60
Each $	....	....	....	....	....

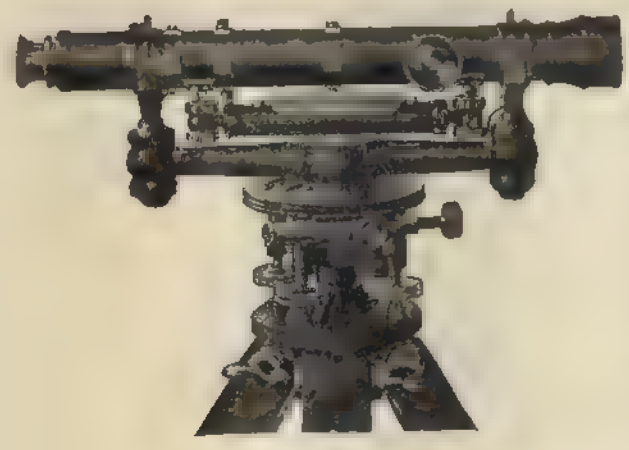
FRY PANS

NATIONAL, Polished, Cold Handle.

Nos.	00	0½	0	1	2	3	4	5	6	7
Inches	6x1¼	7x1¼	8x1⅝	8½x1⅝	9¼x1⅞	10x1⅞	10½x2	11x2	12x2⅛	13¼x2¼
Wt Per Dozen, Lbs	5	8	10	12	14	15	18	20	25	30
Each $	.	.	.	.	.	.	.	.	.	.

ARCHITECTS' LEVELS

GURLEY



Each

No. 381—Gurley Architects' Level.....$65.00

SPECIFICATIONS

Centers—Long bronze spindle and socket.

Leveling Head—Arms strongly ribbed, with four leveling screws protected from dust. Clamp and tangent.

Bar and Wyes—Bar of bell metal, shaped for greatest strength in the parts most subject to strain. Wyes with adjustable nuts. One Wye clip, fitted with stop which maintains cross wires in true horizontal and vertical position

Telescope—13 in. long, power about 19 diameters, aperture of objective 1.19 inches. Erecting eyepiece. Platinum cross wires. Pinion movement to objective slide. Spiral movement to eyepiece slide. Detachable sunshade and objective cap. Objects clearly visible 6.5 feet from center of instrument

Extensively used by intelligent and enterprising architects, builders and millwrights on construction and building work, as well as by engineers and surveyors in the grading of streets, sewers, irrigation ditches and drains.

BUILDERS' TRANSITS

GURLEY

Each

No. 103—5 in. Limb, 9 in. Telescope, Complete as Specified $80.00

SPECIFICATIONS

Centers—Compound.

Leveling Head—Arms strongly ribbed, with four leveling screws. Clamp and tangent. Shifting center.

Horizontal Limb—5 in. diameter. Strongly ribbed, depth increasing towards center. Graduated to degrees, figured in one row 0 to 90 each way, and reading by index mark at 30 degrees to line of sight. Clamp and tangent

Plate—Strongly ribbed, depth increasing towards center. Two graduated plate levels. Flush index cover, waterproof

Telescope—9 in. long, power 18 diameters, aperture of objective 0.69 inch. Erecting eyepiece. Balanced; reverses either end; center point top. Pinion movement to objective slide. Dust guard to objective slide, detachable sunshade and cap. Clamp and tangent to telescope axis.

Telescope Level—4.3 in. long, graduated on the vial

Finish—Bronze; screws and small parts bright

Equipment Mahogany box, with hinged cover, lock and strap. Accessories of trivet plate, to enable setting the instrument upon the walls or girders of a building, when it is impossible to use a tripod; 6 oz plain plummet, etc.

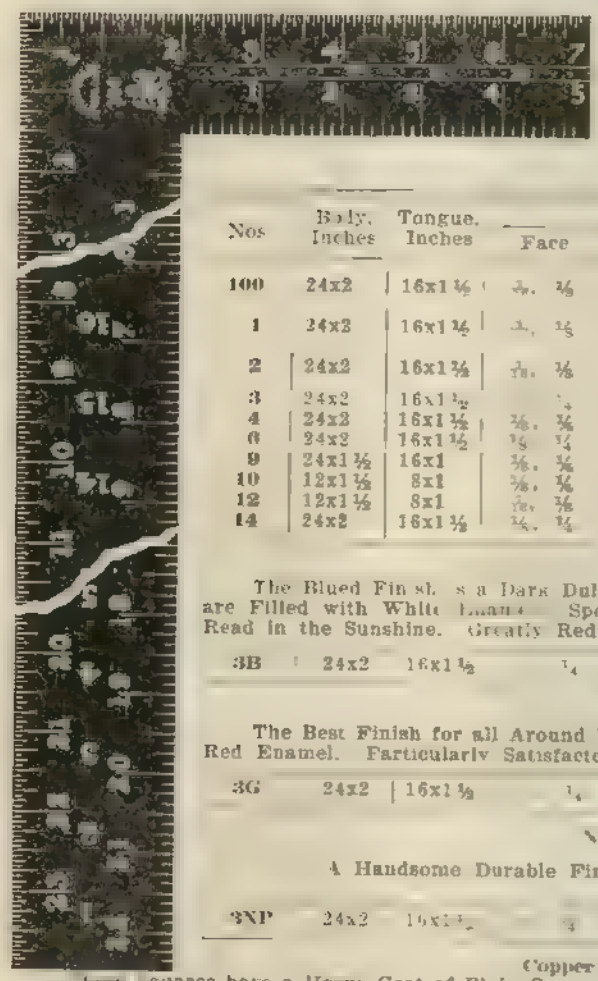
Tripod—No. 400, with solid round legs, and cap; weighs about 7 lbs

Weight—Transit only, about 7 lbs.; transit including box and accessories, about 12 lbs.

Shipping Weight—Transit and tripod, in two boxes, for domestic shipment, about 50 lbs.; for export, about 75 lbs

STEEL SQUARES

EAGLE



Made of a Single Piece of Special Analysis Steel, Tough, Springy and Durable

All Polished Squares are Brought to a High Finish on Fine Grade Emery Wheels. If they are Wiped with an Oily Cloth before Putting Away After Using they will not Rust and will Remain Serviceable for a Lifetime.

Full Polished.

Nos	Body, Inches	Tongue, Inches	HOW MARKED Face	Back	Special Marking	Per Dozen
100	24x2	16x1 ½	⅛, ⅛	⅛, 1/12, 1/16	Brace, 100th Scale, 8 Square and Essex's Board Measure	$21 00
1	24x2	16x1 ½	⅛, ⅛	1/12, ⅛	Brace, 100th Scale, 8 Square and Essex's Board Measure	20 00
2	24x2	16x1 ½	⅛, ⅛	1/12, ⅛	Brace, 8 Square and Essex's Board Measure	.....
3	24x2	16x1 ½	¼	⅛, ¼	Brace and Essex's Board Measure	19 00
4	24x2	16x1 ½	⅛, ⅛	1/12, ⅛	Brace and Essex's Board Measure..	
6	24x2	16x1 ½	¼	¼	Brace and Essex's Board Measure	
9	24x1 ½	16x1	⅛, ⅛	⅛, ⅛	.....	
10	12x1 ½	8x1	⅛, ⅛	⅛, ⅛	.....	
12	12x1 ½	8x1	1/16, ⅛	⅛, ⅛	.....	14 50
14	24x2	16x1 ½	¼, ¼	¼	Essex's Board Measure	17 00

Blued.

The Blued Finish is a Dark Dull Blue Finish Similar to Gun Metal. The Figures and Marks are Filled with White Enamel. Specially Adapted for Work in Dark Places and can be Easily Read in the Sunshine. Greatly Reduces the Eye Strain.

						Net Each
3B	24x2	16x1 ½	¼	⅛	Brace and Essex's Board Measure..	$3 50

Galvanized.

The Best Finish for all Around Work, being Rust Proof. Figures and Marks are Filled with Red Enamel. Particularly Satisfactory for Work on or Near Salt Water

						Net Each
3G	24x2	16x1 ½	¼	1/12, ⅛	Brace and Essex's Board Measure..	$4 00

Nickel Plated on Copper.

A Handsome Durable Finish. Not Readily Affected by Moisture or Acids.

						Net Each
3NP	24x2	16x1 ½	¼	1/12, ¼	Brace and Essex's Board Measure..	$3 00

Copper Plate, Plain.

These Squares have a Heavy Coat of Plain Copper, Suited for Work on or Near Salt Water. The Figures and Graduations are Filled with White Enamel, Making a Very Attractive Square

No.	Body, Inches	Tongue, Inches	HOW MARKED Face	Back	Special Marking	Per Dozen
100C	24x2	16x1 ½	⅛	1/12, 1/16	Brace, 100th Scale, 8 Square and Essex's Board Measure	$35 00

Brace Measure This measure is along the center of the back of the tongue. It is to give the length of a diagonal of a brace where the two sides are known

Essex's Board Measure These are lines on the back of the long arm of the square and are intended to give number of square feet in a board, plank or scantling

"8 Square" Scale This scale is along the middle face of the tongue and is used for laying off lines to cut an "8 Square" or octagon stick of timber from a square one

100th Scale For convenient use a scale of 10th inch is placed near these tables upon the back of the square

Full Directions Packed with Each Square. Weight Per Dozen 30 Pounds

One-quarter Dozen in a Box

IRON SQUARES

Polished, Not Tapered.

Nos	Body, Inches	Tongue, Inches	HOW MARKED Face	Back	Special Marking	Per Dozen
1	24x1 ½	12x1	⅛	.....	Marked One Side	$ 9.50
2	24x1 ½	12x1	⅛	¼	Marked Two Sides	11.00
4	24x2	12x1 ½	⅛	⅛	Marked Two Sides	12.50

Average Weight Per Dozen 14 Pounds

One-half Dozen in a Box.

Revolvers.

HARRINGTON & RICHARDSON ARMS CO.'S

YOUNG AMERICA, HAMMER

Double Action, Small Frame, Nickel Plated, Rubber Stock.

	Each
No. 202—22 Caliber, Rim Fire, 2 in Barrel, 7 Shots	$3 25
No. 302—32 Caliber, Rim Fire, 2 in Barrel, 5 Shots	3.25
No. 212—32 Caliber, Center Fire, 2 in. Barrel, 5 Shots	3.25

Weight Each About ⅛ Pound

DOUBLE ACTION, HAMMER

Double Action, Nickel Plated, Rubber Stock

	Each
No. 252 32 Caliber, C. F., 2½ in Barrel, 6 Shots	$3 25
No. 252½ 32 Caliber, C F, 4½ in. Barrel, 6 Shots	3 80
No. 252¾—32 Caliber, C. F., 6 In Barrel, 6 Shots	4.35
No. 258 —38 Caliber, C. F., 2½ in. Barrel, 5 Shots	3 25
No. 258½—38 Caliber, C F, 4½ in. Barrel, 5 Shots	3 80
No. 258¾—38 Caliber, C. F., 6 In. Barrel, 5 Shots	4 35

Weight Each About 1 Pound

YOUNG AMERICA, SAFETY

Double Action, Nickel Plated, Rubber Stock, Shoots S. & W. Center Fire Cartridges

	Each
No. 222—32 Caliber, C F., 2 in. Barrel, 5 Shots	$3 25

AMERICAN SAFETY

Shoots S. & W. Center Fire Cartridges

	Each
No. 282 —32 Caliber, C. F., 2½ in. Barrel, 6 Shots	$3 25
No. 282½—32 Caliber, C. F., 4½ in. Barrel, 6 Shots	3 80
No. 288 —38 Caliber, C. F., 2½ in. Barrel, 5 Shots	3 25
No. 288½—38 Caliber, C. F., 4½ in. Barrel, 5 Shots	3 80

Weight Each About 1 Pound

VEST POCKET SAFETY, HAMMER

Double Action, Rubber Stock.

Nickel Plated.	Each
No. 292—22 Caliber, Rim Fire, 1⅛ in. Barrel, 7 Shots	$3.25
Blued.	**Each**
No. 292B—22 Caliber, Rim Fire, 1⅛ in. Barrel, 7 Shots	$3 80

Weight Each About ½ Pound

H. & R. BICYCLE, HAMMER

Automatic Shell Ejector, Double Action, Rubber Stock, Shoots S. & W. Center Fire Cartridges.

Nickel Plated.	Each
No. 735—32 Caliber, Center Fire, 3 in Barrel, 5 Shots	$6.00
Blued.	**Each**
No. 735B—32 Caliber, Center Fire, 3 in. Barrel, 5 Shots	$6 35

Weight Each About ½ Pound

H. & R. BICYCLE, HAMMERLESS

Automatic Shell Ejector, Double Action, Rubber Stock, Shoots S. & W Center Fire Cartridges.

Nickel Plated.	Each
No. 740—32 Caliber, Center Fire, 2 in. Barrel, 5 Shots	$7 00
Blued.	**Each**
No. 740B—32 Caliber, Center Fire, 2 in. Barrel, 5 Shots	$7 35

Weight Each About ½ Pound

H. & R. PREMIER, HAMMER

Automatic Shell Ejector, Double Action, Rubber Stock

Nickel Plated.	Each
No. 722—32 Caliber, Rim Fire Short or Long and S. & W. Long Cartridges, 3 in. Barrel, 7 Shots	$6.00
No. 732—32 Caliber, S. & W Center Fire Cartridges, 3 in. Barrel, 5 Shots	6.00

Weight Each About ¾ Pound

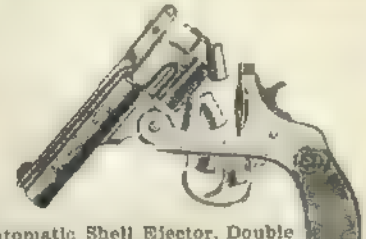
H. & R. PREMIER, HAMMER, WITH TARGET GRIP

Automatic Shell Ejector, Double Action, Rubber Stock

Blued.	Each
No. 722BG—22 Caliber, Rim Fire, 6 in. Barrel, 7 Shots	$8.55
Nickel Plated.	**Each**
No. 732G—32 Caliber, S. & W Center Fire Cartridges, 4 in Barrel, 5 Shots	7.35

Weight Each About 1 Pound.

H. & R. AUTOMATIC, HAMMER



Automatic Shell Ejector, Double Action, Rubber Stock.

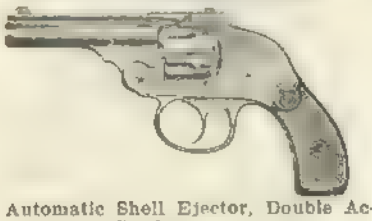
Nickel Plated.	Each
No. 242 —32 Caliber, C. F., 3¼ In Barrel, 6 Shots	$6.00
No. 242¼—32 Caliber, C F, 4 In. Barrel, 6 Shots	6.55
No. 248 —38 Caliber, C F, 3¼ in. Barrel, 5 Shots	6.00
No. 248¼—38 Caliber, C. F., 4 in. Barrel, 5 Shots	6 55
Blued.	**Each**
No. 242B—32 Caliber, C. F., 3¼ In. Barrel, 6 Shots	$6 55
No. 248B—38 Caliber, C. F., 3¼ In Barrel, 5 Shots	6 55

Weight Each About ¾ Pound

Revolvers.

HARRINGTON & RICHARDSON ARMS CO.

H. & R. HAMMERLESS



Automatic Shell Ejector, Double Action, Rubber Stock

Nickel Plated.

	Each
No. 740—22 Caliber, Rim Fire, 3 in. Barrel, 7 Shots	$6.90
No. 742—32 Caliber, C. F., 3 in. Barrel, 5 Shots	6.90
No. 748—38 Caliber, C. F., 3¼ in. Barrel, 5 Shots	6.90

Blued.

	Each
No. 740B—22 Caliber, Rim Fire, 3 in. Barrel, 7 Shots	$7 45
No. 742B—32 Caliber, C. F., 3 in. Barrel, 5 Shots	7.45
No. 748B—38 Caliber, C. F., 3¼ in. Barrel, 5 Shots	7 45

Weight Each About ¾ Pound

H. & A. SAFETY, HAMMER

Double Action, Rebounding Hammer, Wood Stock, Shoots S. & W Center Fire Cartridges.

Nickel Plated.	Each
No. 482—32 Caliber, C. F., 2½ in. Barrel, 6 Shots	$3.35
No. 488—38 Caliber, C. F., 2½ in. Barrel, 5 Shots	3 35

Weight Each About ½ Pound

H. & A. SAFETY POLICE, HAMMER

Automatic Shell Ejector, Latest Improved Safety Hammer and Barrel Catch, Triple Action, Shoots S. & W. Center Fire Cartridges

Nickel Plated, Walnut Army Grip.

	Each
No. 432½G—32 Caliber, C. F., 4 in Barrel, 5 Shots	$11.70
No. 438½G—38 Caliber, C. F., 4 in Barrel, 5 Shots	11.70

Blued, Walnut Army Grip.

	Each
No. 432½BG—32 Caliber, C. F., 4 in Barrel, 5 Shots	$12.25
No. 438½BG—38 Caliber, C. F., 4 in. Barrel, 5 Shots	12.25

Weight Each About 1 Pound.

H. & R. AUTOMATIC HAMMER WITH TARGET GRIP

Automatic Shell Ejector, Double Action, Rubber Stock, Nickel Plated

	Each
No. 242½G—32 Caliber, Center Fire, 4 in. Barrel, 6 Shots	$7.45
No. 248½G—38 Caliber, Center Fire, 4 in. Barrel, 5 Shots	7.45

Weight Each About 1 Pound

HOPKINS & ALLEN ARMS CO.'S

H. & A. HAMMERLESS

Automatic Shell Ejector, Double Action, Wood Stock. Shoots S. & W. Center Fire Cartridges

Nickel Plated.	Each
No. 442—32 Caliber, C. F., 3 in. Barrel, 5 Shots	$10 00
No. 448—38 Caliber, C. F., 3¼ in. Barrel, 5 Shots	10 00

Blued.	Each
No. 442B—32 Caliber, C. F., 3 in. Barrel, 5 Shots	$10 55

Weight Each About ¾ Pound

H. & A. HAMMER

Foreland Model.

Automatic Shell Ejector, Rebounding Hammer, Rubber Stock. Shoots S. & W Center Fire Cartridges

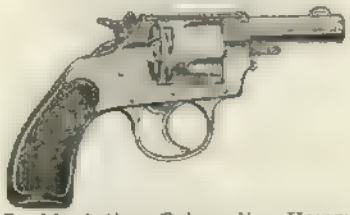
Nickel Plated.	Each
No. 462—32 Caliber, C. F., 3 in. Barrel, 5 Shots	$5.75

Blued.	Each
No. 462B—32 Caliber, C. F., 3 in. Barrel, 5 Shots	$6.10

Weight Each About ½ Pound

HOPKINS & ALLEN ARMS CO.'S

H. & A. HAMMER



Double Action, Rebounding Hammer Nickel Plated. Wood Stock. Shoots S & W Center Fire Cartridges

	Each
No. 452—32 Caliber, Center Fire, 2½ in. Barrel, 5 Shots	$3 35
No. 458—38 Caliber, Center Fire, 2½ in. Barrel, 5 Shots	3 35

H. & A., MODEL XL

	Each
No. 402—22 Caliber, Rim Fire Cartridges, 7 Shots, Double Action, Nickel Plated, Wood Handle	$3 35
No. 412—32 Caliber, S & W. Center Fire Cartridges, 5 Shots, Double Action, Nickel Plated, Wood Handle	3.35

Weight Each About ½ Pound

H. & A. SAFETY POLICE, HAMMER

Automatic Shell Ejector, Latest Improved Safety Hammer and Barrel Catch, Triple Action. Shoots S. & W Center Fire Cartridges.

Nickel Plated, Wood Stock.

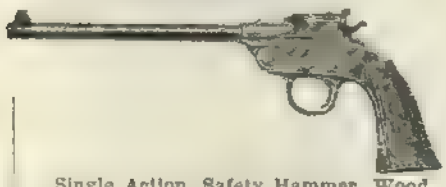
	Each
No. 432—32 Caliber, C. F., 3 in Barrel, 5 Shots	$8.90
No. 438—38 Caliber, C. F., 3¼ in Barrel, 5 Shots	8 90

Blued, Wood Stock.

	Each
No. 432B—32 Caliber, C. F., 3 in Barrel, 5 Shots	$9 45
No. 438B—38 Caliber, C. F., 3¼ in Barrel, 5 Shots	9 45

Weight Each About ¾ Pound

H. & A. SINGLE SHOT, TARGET PISTOLS



Single Action, Safety Hammer, Wood Stock. Shoots 22 Caliber Rim Fire Cartridges

Nickel Plated.

	Each
No. 400—22 Caliber, Rim Fire, 10 in. Barrel, Single Shot	$16 10

Weight Each About 2 Pounds

American Decorated China

Fine Cream Tint background. Fine delicate shaded roses and hand colored vines. A Very Attractive display and one of the most appreciated popular priced articles sold by the retail merchant.

Special holiday assortment of 50 pieces, containing 4 Grecian Salad Bowls, 4 Lucile Salad Bowls, 4 Lenoir Salad Bowls, 4 Cracker Jars, 4 Celery Trays, 4 Lisbon Cake Plates, 4 10 inch Plaques, 4 Leola Bonbons, 4 Syrup Pitchers and Plates, 4 Octagon Jugs, 4 Vesta or Tall Jugs, 4 Elite Cake Plates and 2 Large Fruit Bowls. No. **16944** Special 50 piece assortment complete **$38.70**

Prices of Separate Pieces of Above Set.

No.		Each
16945	Grecian Salad Bowl	$1.80
16946	Lucile Salad Bowl	1.95
16947	Lenoir Salad Bowl	1.35
16948	Cracker Jar	2.25
16949	Celery Tray	1.95
16950	Lisbon Cake Plate	1.80
16951	10-inch Plaque	1.15
16952	Leola Bon Bon	1.80
16953	Syrup Pitcher and Plate	1.35
16954	Octogon Jug	1.80
16955	Vesta Jug	1.80
16956	Elite Cake Plate	1.35
16957	Fruit Bowl	4.05

COMPLETE SETS SHIPPED F. O. B. OUR OHIO FACTORY. SEPARATE PIECES F. O. B. CHICAGO.

Finest American Dinner Ware

We use the finest of imported clay in the manufacture of our dinner ware, giving the high grade finish and glaze of genuine imported China. Guaranteed not to craze. All decorations are finely executed and thoroughly baked, assuring fine rich colorings. All pieces are first selection, no imperfect pieces allowed in our stock. Prices quoted are for 100, 53 and 42 piece sets. 100 piece sets contain 12 dinner plates, 12 dessert plates, 12 bread and butter plates, 12 soup coupes, 12 cups and saucers, 12 fruit or sauce dishes, 1 7-inch bowl, 1 8-inch platter, 1 9-inch platter, 1 12-inch platter, 1 7-inch round covered dish, 1 7-inch oval covered dish, 1 sauce bowl, tray or pickle dish, 1 covered butter dish with drainer, 1 cream pitcher, 1 covered sugar bowl and 1 round bowl. **53-piece sets** contain 6 dinner plates, 6 dessert plates, 6 bread and butter plates, 6 soup coupes, 6 cups and saucers, 6 fruit or sauce dishes, 1 10-inch platter, 1 covered sugar bowl, 1 cream pitcher, 1 sauce boat, tray or pickle dish, 1 7-inch bowl, 1 butter plate not covered and 1 bowl. **42-piece sets** contain 6 dinner plates, 6 dessert plates, 6 bread and butter plates, 6 soup coupes, 6 cups and saucers, 6 fruit or sauce dishes, 1 covered sugar bowl, 1 cream pitcher, 1 6-inch baker, 1 8-inch platter and 1 6-inch nappy.

SHIPPED F. O. B. OUR OHIO FACTORY

Fine pure white first quality gold band and forget-me-not in natural color decorations; all handles outlined and striped with gold. Small cut in upper left-hand corner shows actual size of decorations.

No. **16935** 100-piece set complete.....**$37.50** No. **16936** 53-piece set complete.....**$20.00** No. **16937** 42-piece set complete.....**$13.15**

Fine pure white first quality gold band, pale brown and yellow border with lavender ribbon, rose and wreaths in natural colors. Small cut in upper left-hand corner shows actual size of decoration.

No. **16938** 100-piece set complete.....**$37.55** No. **16939** 53-piece set complete.....**$21.35** No. **16940** 42-piece set complete.....**$14.55**

Finest pure white, first quality, coin gold band decorations. Small cut in upper left-hand corner shows actual size of decorations.

No. **16941** 100-piece set complete.....**$47.25** No. **16942** 53-piece set complete.....**$25.15** No. **16943** 42-piece set complete.....**$16.40**

Separate pieces of any of the above sets can be furnished in 30 days. Prices upon request.

The Harmony Musical Clock

A NEW DEPARTURE IN CLOCKS

The most beautiful and artistic design ever originated. It is not only an accurate time keeper but also affords a great deal of pleasure as the musical part can be played as desired independent of the clock which need not be disturbed. It is also an ornament and will add charm and grace to any room in the home.

A great deal of time, thought and study have been expended to make this a decidedly novel, useful, ornamental and desirable article. It is sure to become exceedingly popular.

Patent Applied For.

No. J15085. Harmony Musical Clock, solid metal case, gold finish, height 11 in., width 5 in. This clock was originated and designed by us and is a strictly high class article. The workmanship is unexcelled and it is the only clock of its kind on the market. The two figures of cherubs in the upper panel are well proportioned in bas relief. The ribbon streamer is attached to a lyre occupying the upper center of case. Directly under the cherubs are lifelike bust figures of Wagner and Beethoven, the great composers; between these is a sheet of music showing cleff and notes. The oval border in center is neatly executed in a fancy scroll design. The lower half of case is an excellent design of trees and mountains, producing a beautiful scenic effect. The figure playing harp is in bas relief and perfect proportion. The movement is guaranteed American made, 32 hour time. 2½ inch dial easily read from a considerable distance.

Below the movement is fitted a well constructed music box which plays two different tunes. This is independent of clock and can be wound and played whenever desired, which is a very desirable feature.

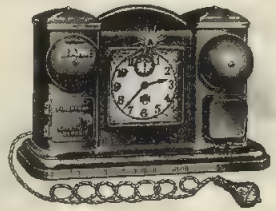
The clock is certain to appeal strongly to all lovers of music, which means almost everybody. It is suitable for use in parlor, den, or living room, and is so artistic that it will harmonize with any color scheme or style of furniture. Each..... 2.75

Musical Alarm Clock

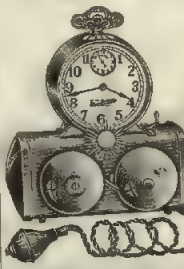
No. W15091. Musical Alarm Clock, with visible works, solid nickel case, high mirror polish, heavy glass front, extension base, handle on top, fine time keeper, size 6x4x3, white dial, second hand. Plays musical air for several bars, sets same as ordinary alarm. Luminous front. Exceptionally handsome. Each 1.95

Electric Flash Light Alarm Clocks

A fine article for Premiums or special plans



No. J15047. Electric Alarm and Flash Light Clock, best utility clock made. It contains also money bank with combination lock and a search light operated from bulb on end of long cord, may be extended to bedside, when pressed illuminates the dial. It has strong loud alarm operated with dry cell battery, fitted with a guaranteed 8-day American movement. It is of fine workmanship and very handsome appearance, best in its line. Each..... 4.55



No. J15048. Search-light Electric Alarm Clock operated by dry battery. By pressing pear push at end of lamp cord, you can see the time at night. The alarm will ring until you get up and shut it off. Very loud. It may also be used as a call bell; each clock is fitted with dry cell battery, and comes complete, ready for use. Furnished in either highly polished nickel or copper oxidized finish. Ready seller everywhere. Each 2.65

Heddon's Dowagiac Minnows.

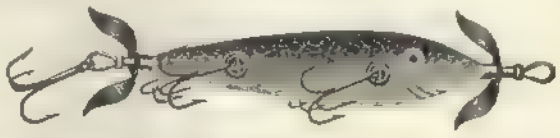
The "Dowagiac" Minnows are made of selected cedar, which is chemically treated to prevent absorption of water, coated with special "Dowagiac" porcelain enamel. Every metal fitting, including Treble Hooks, is Nickel Plated.

2⅜ in. BODY, Two Nickel Plated Spinners, Three Nickel Plated Treble Hooks.

		Per Dozen
No. 100	Fancy Green Back, White Belly	$13.35
No. 101	—Rainbow Finish	13.35
No. 104	Red Body, Dark Green Back	13.35
No. 109A	Yellow Perch	13.35
No. 109B	Green Blended Frog Finish	13.35

Approx. Weight Per Dozen 2½ Pounds.

One in a Box; One Dozen in a Package.



3¾ in. BODY, Two Nickel Plated Spinners, FIVE Nickel Plated Treble Hooks

		Per Dozen
No. 150	Fancy Green Back, White Belly	$15.15
No. 151	—Rainbow Finish	15.15
No. 154	—Red Body, Dark Green Back	15.15
No. 159A	—Yellow Perch	15.15
No. 159B	—Green Blended Frog Finish	15.15

8¾ in. BODY, Two Nickel Plated Spinners, THREE Nickel Plated Treble Hooks.

		Per Dozen
No. 177	—All White	$15.15

Approx. Weight Per Dozen 3 Pounds.

One in a Box; One Dozen in a Package.

"Heddon's Wiggler," Deep Diving.

4¼ in. BODY, Nickel Plated Mounting, Three Nickel Plated Treble Hooks.

		Per Dozen
No. 1600	Fancy Mottled Green Back, White Belly	$13.35
No. 1600S	White Body with Red and Green Spotted Effect	13.35
No. 1602	White Body, with Red Head	13.35
No. 1605	Yellow Body with Red and Green Spots and Green Back	13.35
No. 1600A	Yellow Perch	13 35
No. 1600B	Green Blended Frog Finish	13 35

The 1600 Series Baits Float, Swim, Dive.

When cast upon the water will float until retrieved, when it dives under the water from three to four feet and has a wobbling motion closely resembling the movement of a live fish

Approx. Weight Per Dozen 3¼ Pounds.

One in a Box; One Dozen in a Package.

"Heddon's Wiggler", Near Surface.

4 in. BODY, Nickel Plated Mountings, Three Nickel Plated Treble Hooks.

		Per Dozen
No. 1700	—Fancy Green Back, White Belly	$13.35
No. 1700S	White Body with Red and Green Spotted Effect	13.35
No 1702	White Body with Red Head	13.35
No. 1705	Yellow Body with Red and Green Spots Green Back	13 35
No. 1709A	Yellow Perch	13 35
No. 1709B	Green Blended Frog Finish	13 35

The No. 1700 Series Baits Float, Dive, Swim.

Floats when at rest dives and describes a most alluring wiggling movement when in action, running near the surface closely resembling the movement of a live fish

Approx. Weight Per Dozen 3 Pounds.

One in a Box; One Dozen in a Package

Nos. 00 and 001

3 in. BODY, Five Flat Surfaces, Two Nickel Plated Spinners, THREE NICKEL PLATED Treble Hooks.

		Per Dozen
No. 0	White Body, Red and Green Decorations	$13.35
No. 01	Yellow Body, Red, Green and Black Decorations	13.35

Approx. Weight Per Dozen 2⅛ Pounds.

3½ in. BODY, Five Flat Surfaces, Two Nickel Plated Spinners, FIVE NICKEL PLATED Treble Hooks.

		Per Dozen
No. 00	White Body, Red and Green Decorations	$15.15
No. 001	Yellow Body, Red, Green and Black Decorations	15.15

Approx. Weight Per Dozen 2¾ Pounds.

One in a Box; One Dozen in a Package.

Heddon's Dowagiac Minnows.

The "Dowagiac" Minnows are made of selected cedar, which is chemically treated to prevent absorption of water, coated with special "Dowagiac" porcelain enamel. Every metal fitting, including Treble Hooks, is Nickel Plated.

DOWAGIAC EXPERT SURFACE MINNOWS

4⅜ in. BODY, Three Nickel Plated Treble Hooks.

		Per Dozen
No. 200SF	—Green Blended Frog Finish, Nickel Plated Collar	$15.15
No. 200SR	Solid Red Body Red Collar	15.15
No. 200SW	—White Enameled Body, Blue Head, Nickel Plated Collar	15.15

Approx. Weight Per Dozen 2⅝ Pounds
One in a Box; One Dozen in a Package

MOONLIGHT SURFACE BAIT

4½ in. BODY, LUMINOUS, NIGHT RADIANT, Three Nickel Plated Treble Hooks.

		Per Dozen
No. 1001RH	—White Enameled Body, Red Head	$13.35

Approx. Weight Per Dozen 2½ Pounds.

One in a Box; One Dozen in a Package.

MUSCALLONGE MINNOWS

5 in. BODY, Two Nickel Plated Spinners, Two No. 1/0 Nickel Plated Hollow Point Treble Side Hooks and One No. 8/0 Nickel Plated Hollow Point Treble Tail Hook.

		Per Dozen
No. 700	—Fancy Green Back, White Belly	$17.80
No. 705	—Rainbow Finish	17.80
No. 709A	—Yellow Perch Finish	17.80

Approx. Weight Per Dozen 3¼ Pounds
One in a Box; One Dozen in a Package.

5⅜ in. BODY, One Front Nickel Plated Spinner, Two No. 1/0 Nickel Plated Hollow Point Treble Side Hooks, One No. 8/0 Nickel Plated Hollow Point Treble Hook.

		Per Dozen
No. 1300	Black Sucker Finish, with Fish Tail	$26.65

Approx. Weight Per Dozen 3 Pounds.

One in a Box; One Dozen in a Package.

Wooden Minnows.

BING'S "NEMAHBIN" WEEDLESS

4 in. BODY, Two Nickel Plated Spinners, Two Plain Treble Weedless Hooks, with Chicago Weed Guards.

		Per Dozen
No. B50	Green Back, Shaded White Belly	$13.35
No. B100	Red Back, Shaded White Belly	13 35

This is an Underwater Bait of superior finish and artistic design

Approx. Weight Per Dozen 2½ Pounds
One in a Box; One Dozen in a Package.

"NEMO" BASS BAIT

2½ in. BODY, Finest Selected Spanish Cedar, One Hollow Point Double Hook and One Hollow Point Weedless Tail Hook, Either Surface or Underwater Bait.

		Per Dozen
No. 40	—White Body, Red Revolving Head	$13.35

Approx. Weight Per Dozen 2 Pounds.

One in a Box; One Dozen in a Package.

Decoy Minnows.

FOR FISH SPEARING

HEDDON'S, Red Cedar Wood Body, with Twisted Tail, Nicely Enameled, Glass Eyes, Swivel Fastening, Nickel Plated Polished Fins on Sides, Top and Bottom, Fancy Green Back or Perch Finish.

Per Dozen

No. 16—5¼ in. Long, Weight Each 2½ Oz..... $17.80

One-twelfth Dozen in a Box.

Pure Soft Rubber, Silver Belly, Green Back, Metal Side Fins.

Per Dozen

No. 10—7 in. Long, Approx. Weight Per Dozen 4½ Lbs. $17 80

These Minnows are weighted and balanced with a Lead Core, dancing merrily by simply pulling a line.

One-twelfth Dozen in a Box

Fish Baits.

ADMIRAL

Full Size Cut of No. 7.

Non-Luminous, Pure Soft Rubber Minnow, Nickel Plated Hammered Spoon, Fitted with One Hollow Point Feathered Treble Hook and One Plain Treble Hook, Brass Barrel Swivel.

Nos.	7	8	9
Size of Spoon, Inches	1½x⅞	1⅝x⅝	2x1
Length of Minnow, Inches	3	2½	3
Per Dozen	$7.25	9.50	10 60

Nos. 7 and 8 Have Two Treble Hooks; No. 9 Has Three Treble Hooks

Approx. Weight Per Dozen 1½ Pounds

One-twelfth Dozen in a Box; One-half Dozen in a Carton.

SOFT RUBBER MINNOWS

No. 07—Full Size Cut.

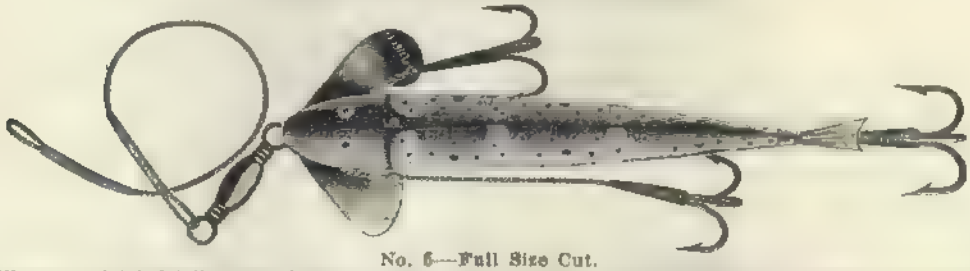
Non-Luminous, Decorated Green and Brown, Fitted with One Feathered Treble Hook and One Plain Treble Hook, without Spoon, Brass Barrel Swivel

Nos.	07	08	09
Lgth Minnow, In.	2	2½	3
Per Dozen	$6.70	8 90	10 00

Approx. Weight Per Dozen 1 Pound.

Nos 07 and 08 Have Two Treble Hooks. No 09 Has Three Treble Hooks

FAMED SILK PHANTOM MINNOWS



No. 5—Full Size Cut.

First Quality, Waterproof Oiled Silk Body, Assorted Colors, Brown, Blue, Red and Silver, Also Nos. 3, 4 and 5 in Gold and Perch, WITH LEADER AND BRASS BARREL SWIVEL.

Nos.	0	1½	3	4	5	6	7	8	All Large Hooks 17	16
Length of Minnow, Inches	1¾	2¼	3	3¼	3½	4	4¼	4½	4¼	4½
Per Dozen	$4.50	4.50	4.50	5.00	5.00	6.15	7.00	7.60	7.80	8.35

Approx. Weight Per Dozen 1½ Pounds.

One-twelfth Dozen on a Card; Six Cards in a Box.

Fish Baits.

PORPOISE HIDE PHANTOM MINNOWS

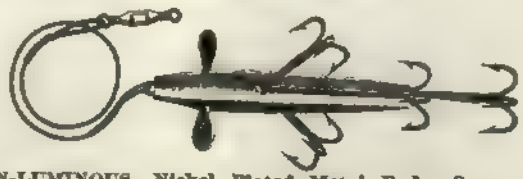
SPECIAL PORPOISE HIDE BODY, Assorted Colors, Brown, Blue and Silver, CABLE WIRE LEADER, Two Brass Barrel Swivels, Extra Strong and Large Treble Hooks.

Nos.	25	26	27	28
Length, Inches	3½	4	4¼	4½
Per Dozen	$13.90	14.75	17.80	18.90

Approx. Weight Per Dozen 1 Pound.

One-twelfth Dozen on a Card; Six Cards in a Box.

DEVON MINNOWS



NON-LUMINOUS, Nickel Plated Metal Body, Spear Point Treble Hooks, Two Ply Wire Cable Leader, Brass Swivel.

Nos.	1	2	3	4	5
Length, Inches	2	2¼	2½	2¾	3
Per Dozen	$6.15	6.15	6.15	6 15	6.15

Approx. Weight Per Dozen 1 Pound

One-twelfth Dozen on a Card; Six Cards in a Box.

Fish Baits.

EDGREN

High Grade Cold Rolled Flat Steel Body, Highly Nickel Plated, Feathered Treble Hook, Brass Swivel.

	Per Dozen
No. 1 -2¼ in. Long, Approx. Weight Per Dozen About ⅛ Lb.	$ 8.90
No. 2—2¾ in. Long, Approx. Weight Per Dozen About 1 Lb.	10.60

For Casting and Trolling. The screw motion forces away all weeds and grass

One-twelfth Dozen in a Box

Minnow Gangs.

ST. LAWRENCE

Best Elastic Spring Steel Hollow Point Hooks, with Baiting Needle, Adjustable Lip Hook, Brass Barrel Swivels, Mounted on Silk Gimp.

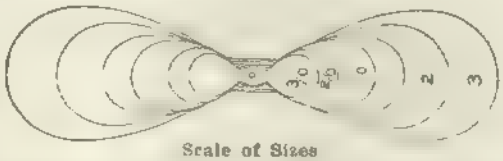
Size Treble Hooks.	3	2	1	1/0	2/0	3/0
Per Dozen	$3 90	3.90	3 90	4 20	4.20	4 50

Can be instantly adjusted to any size minnow, and does not kill same. The Treble Swivels give positive revolution of bait and make it impossible to kink or twist the line.

Approx. Weight Per Dozen ½ Pound.
One on a Card; Six Cards in a Box

Tandem Spinners.

No. 1/0



Scale of Sizes

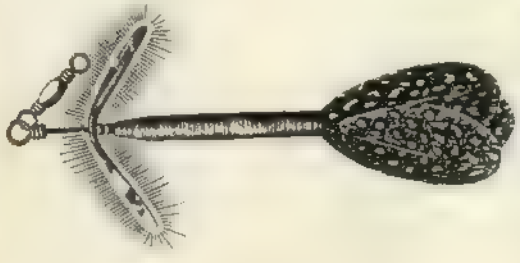
Luminous, Hollow Point, Finely Feathered Treble Hook, Brass Barrel Swivel, Nickel Plated Blades, Revolving in Opposite Directions, Spinning Freely

Nos.	3/0	2/0	1/0	1	2	3
Size of Blade, Inches	⅝x1⅛	1x⅜	1½x⅞	1⅝x1½	2⅜x⅝	3x1
For	Trout	Trout	Bass	Bass	Pickerel	Pickerel and Muscallonge
Per Dozen	$5 60	5.60	7 00	7.50	8 60	10 00

Approx. Weight Per Dozen 1 Pound.

One Dozen in a Box

Bass Spinners.



RED DEVIL

SCARLET BODY, Varnished and Ballasted, Luminous Under Blade, Nickel Plated Top Spinner, Brass Barrel Swivel, Feathered Treble Hook.

	Per Dozen
No. 2700—Size 2, 2⅜x⅝ in. Blade, for Bass, Pickerel and Muscallonge, Approx. Weight Per Dozen 1 Lb.	$10.00

One Dozen in a Box.

POCKET AND TRUNK RODS

To supply the increasing demand for rods that can be conveniently carried in a suit case or trunk we now offer a complete assortment of different grades. The addition of more joints only slightly detracts from the usual "spring."

THE "CHIEF" TRUNK ROD

Made of selected split bamboo, in five pieces and extra tip, knocked down, length about 24 inches. German silver fittings throughout, serrated ferrules, agate first guide and fly top, other guides, bronze steel, snake pattern and special solid cork-shaped grip.

No. **216.** Fly rod, length 9½ feet, weight about 7 ounces **$15 00**
No. **217.** Bait rod, length 8½ feet, weight about 8 ounces..... **15 00**

THE "KING" VALISE ROD

This rod has six joints and extra tip, making length when taken down only about 19 inches. Fine bamboo, nickel plated mountings, welted ferrules, agate fly top and first guide, balance German silver snake pattern.

No. **210.** Fly rod, length 9½ feet, weight 6½ to 7 ounces..... **$10.00**
No. **211.** Bait rod, length 8½ feet, weight about 8 ounces..... **10.00**

THE "VAUGHAN" TRUNK ROD

An exceptional fine rod for the price. Five pieces, and extra tip, well wrapped six-strip bamboo, nickel plated fittings other than the guides which are German silver snake pattern.

No. **250.** Fly rod, length 9 feet, weight about 7 ounces..... **$6 00**
No. **251.** Bait rod, length 8½ feet, weight about 8 ounces..... **6 00**

THE "TRAVELLER" TRUNK OR VALISE ROD

Split bamboo, six pieces, making a four-piece short stiff rod, or a five-piece long rod. Full nickel plated mountings, cork grip, closely silk wrapped, welted ferrules, length of joints 24 inches, nicely finished.

No. **54F.** Fly rod..... **$3 00** No. **54B.** Bait rod..... **$3.25**

THE "PORTMANTEAU" ROD

Made of six-strip bamboo, nickel-plated mountings, cork grip, four pieces with extra strong short tip. When the latter is fitted to the second joint the rod is reduced to 5¼ feet. Extreme length 7 feet.

No. **52F.** Making a three or four piece fly rod..... **$2 00**
No. **52B.** Making a three or four piece bait rod..... **2 00**

"SUNDAY" POCKET ROD

It can be carried in a small hand bag, or in the pocket. The joints are only 12½ inches long, seven-piece and extra tip to go in fifth joint, making a seven-piece light fly rod or a six-piece heavy bait rod. It is of excellent quality being made of the fine selected split bamboo, six strip, full nickel plated mountings, and cork hand grasp, with reversible butt so that reel can be used above or below hand.

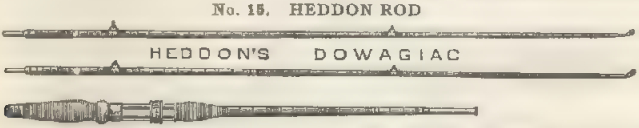
No. **S.** Combination fly or bait rod..... **$4.50**

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

HEDDON BAIT CASTING RODS

All these rods are of two-piece construction, with thirty-five inch tip joint and short butt joint, the length of the butt varying with different lengths of rods. This brings the ferrule down close to the butt, and breakage is an unknown thing from any reasonable strain. This construction gives the fine resilient action and casting force of a one-piece rod, and practically the carrying convenience of a three-piece rod.

No. 15. HEDDON ROD



Heddon's highest grade rod. Finest selection of split bamboo, seasoned one year before being made up. Solid satin cork grip of special design and forward grip. Extra heavy German silver metal throughout, beautifully ornamented. Hood at rear on reel seat and Heddon Locking Reel Band. All guides and tip tops agate. Closely wrapped with silk in four colors, four coats of elastic waterproof varnish. Put up in velvet bag and waterproof leatherette case.
No. **15.** Lengths of 4½ ft., 5 ft., 5½ feet.....**$15 00**

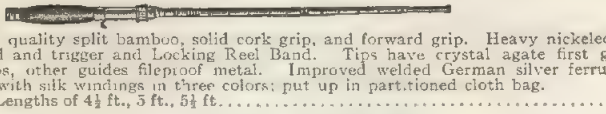
No. 10. HEDDON ROD

An exceptionally high-class rod. Fine selection split bamboo with extra tip, with solid satin cork grip of special design and forward grip. Heavy German silver metal throughout, with hood on reel seat and Heddon Locking Reel Band. Agate guides and tops throughout. All metal handsomely ornamented and rod wound at close intervals with silk of three colors. With four coats elastic waterproof varnish. Put up in partitioned canvas bag and waterproof leatherette case.
No. **10.** Lengths of 4½ ft., 5 ft., 5½ ft.....**$12.00**

No. 6. HEDDON ROD

"Jim Heddon's Favorite." Selected split bamboo tip, with extra tip, and butt joint. Special design solid satin cork grip and forward grip. Heavy nickled reel seat with hood and Heddon Locking Reel Band. Tips have agate first guide and tops, other guides are made of "file-proof" metal. German silver ferrule and metal handsomely ornamented. Closely wound with silk windings in three colors; in partitioned canvas bag.
No. **6.** Lengths of 4½ ft., 5 ft., 5½ ft.....**$7.50**

No. 4. HEDDON ROD

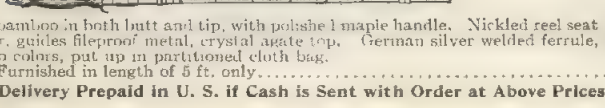


Good quality split bamboo, solid cork grip, and forward grip. Heavy nickeled reel seat with hood and trigger and Locking Reel Band. Tips have crystal agate first guides and agate tops, other guides fileproof metal. Improved welded German silver ferrules. Well wrapped with silk windings in three colors; put up in partitioned cloth bag.
No. **4.** Lengths of 4½ ft., 5 ft., 5½ ft.....**$5.00**

No. 2½. HEDDON ROD

Good quality split bamboo tips (two) and butt with cork grip. Nickeled reel seat with hood and trigger. All guides fileproof metal, crystal agate top; one tip German Silver. Welded ferrule, silk windings in two colors.
No. **2½.** Lengths 4½ ft., 5 ft., 5½ ft.....**$3.50**

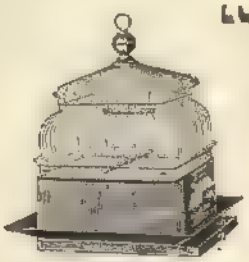
No. 1½ HEDDON ROD



Split bamboo in both butt and tip, with polished maple handle. Nickled reel seat with hood and trigger, guides fileproof metal, crystal agate top. German silver welded ferrule, silk windings in two colors, put up in partitioned cloth bag.
No. **1½.** Furnished in length of 5 ft. only.....**$2.00**

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

"HENDRYX"
A WORD FOR QUALITY



No. 445

Perfect Canary Cages

Five standard designs always salable. Made of all brass and having the maximum amount of room for the bird.

No. 440

Very Nicely Adapted for the Spring Trade

No. 608 G

6[illegible]6 G

No. 8000

The
Andrew B. Hendryx Co.

New Haven, Conn.

Wrought, Malleable and Cast Iron Washers

Annealed
Riveted Burrs

WROUGHT WASHER MFG. CO.
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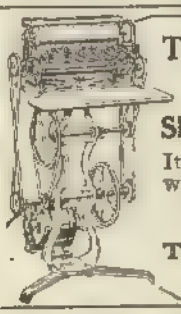
Standard Sizes Shipped Promptly From Stock. Special Sizes on Short Notice
Our Prices are Right



The Odell Improved
Automatic electric power machine for
Sharpening Razor Blades
It's a big money earner, and will draw trade your way.
Write for full Information
THE ODELL MFG. CO.
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The Most Complete Line on the Market

GOOD SELLERS-HIGH GRADE-GOOD PROFIT

Cabinet Hardware Builders' Hardware
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THE BRAINERD MANUFACTURING CO.,
East Rochester, N. Y., U. S. A.

VISES

HOLLAND'S MACHINISTS'

These Vises meet the requirements of shops that demand the highest efficiency combined with maximum strength and durability.

Stationary Base.

Steel Faced Jaws, Steel Screw, Heavy Malleable Iron Nut.

Nos.	13	13½	14	14½
Jaws, Inches	3	3½	4	4½
Jaws Open, Inches	4½	5	6	7
Depth, Inches	2⅝	2⅞	3½	3⅝
Weight Each, Lbs	25	30	45	60
Each	$6 00	7 00	8.50	10.00
Nos.	15	15½	16	17
Jaws, Inches	5	5½	6	7
Jaws Open, Inches	8	9	10	12
Depth, Inches	3⅝	4	5¼	5⅝
Weight Each, Lbs.	75	105	150	190
Each	$13 00	18.50	25 00	37.50

Swivel Base, Positive Locking Device.

Steel Faced Jaws, Steel Screw, Heavy Malleable Iron Nut.

Nos.	23	23½	24	24½
Jaws, Inches	3	3½	4	4½
Jaws Open, Inches	4½	5	6	7
Depth, Inches	2⅝	2⅞	3½	3⅝
Weight Each, Lbs.	30	36	55	70
Each	$7.50	8.75	10.50	12.50
Nos.	25	25½	26	27
Jaws, Inches	5	5½	6	7
Jaws Open, Inches	8	9	10	12
Depth, Inches	3⅝	4	5¼	5⅝
Weight Each, Lbs.,	90	120	170	210
Each	$16.00	22.00	30.00	42.50

STAR MACHINISTS'

Stationary Base, Welded Cast Steel Faced Jaws.

Nos.	8½	9	10
Jaws, Inches	3	3½	4
Jaws Open, Inches	4	5½	6
Weight Each, Lbs.	20	28	42
Each	$6 00	7 00	8 50
Nos.	11	12	13
Jaws Inches	4½	5	6
Jaws Open, Inches		8	10
Weight Each, Lbs	54	72	25
Each	$10 00	13 00	25.00

Swivel Base, Welded Cast Steel Faced Jaws.

Nos.	18½	19	20
Jaws, Inches	3	3½	4
Jaws Open, Inches	4	5½	6
Weight Each, Lbs.	28	36	50
Each	$7 50	8 75	10 50
Nos.	21	22	23
Jaws, Inches	5½	5	6
Jaws Open, Inches	7	8	10
Weight Each, Lbs.	64	82	113
Each	$12 50	16 00	30 00

"F. & R." MACHINISTS'

The "F. & R." Vise has the advantage of two complete swivels, a combination of the two giving the most desirable positions for the use of a mechanic.

The vise is locked at any angle by two separate methods. One by clamping the work within the jaws which tightens the frictions and the other by the use of the position pins. With both in use the vise is positively locked in any position.

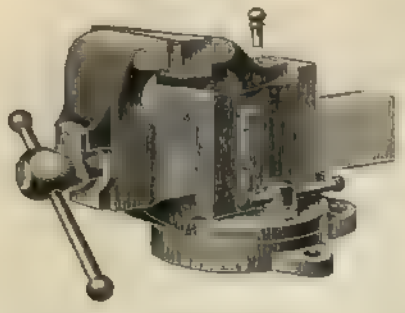
The jaws are always held in place when work is removed by the position pins. If the operator requires, by the use of which the vise is made stationary at any angle.

Swivel Base, Welded Cast Steel Faced Jaws.

Nos.	3	4	5	6	7
Jaws, Inches	3½	4	4½	5	6
Jaws Open, Inches	5	5⅝	6½	7	9
Weight Each, Lbs.	37	56	70	89	155
Each	$14.00	17 00	20 00	25 00	35 00

VISES

PARKER'S VICTOR

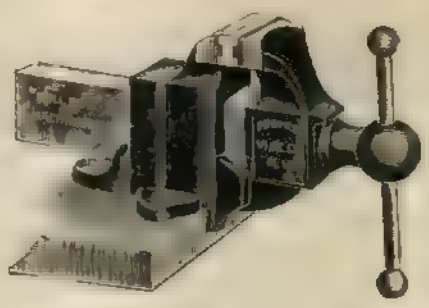


Swivel Base with Patent Tightening Stud.

Semi-Steel Body, Polished Steel Faced Jaws, Reinforced Slide, with Swivel Back Jaw Giving Instant Adjustment to Wedge Shaped Pieces.

Nos.	270	271	271½	272
Jaws, Inches	3¼	3⅝	4	4½
Jaws Open, Inches	3⅜	5	5	6
Weight Each, Lbs.	32	49	54	69
Each	$7.00	8.50	10.50	12.50
Nos.		273	274	275
Jaws, Inches		5	5½	6¼
Jaws Open, Inches		7	9	9¾
Weight Each, Lbs.		86	117	170
Each		$16.00	19.00	27.00

BULL DOG MACHINISTS'



Stationary Base.

Equipped with Patent Detachable Steel Jaws, which Insure Maximum Holding Power with Moderate Pressure on Work.

Nos.	50	51	52	53
Jaws, Inches	3¼	3⅝	4⅛	4⅝
Jaws Open, Inches	4	5½	6	[illegible]
Weight Each, Lbs.	22	28	42	52
Each	$6.00	7.00	8.50	10.00
Nos.	54	55	56	57
Jaws, Inches	5	6½	6	[illegible]
Jaws Open, Inches	8	9	10	12
Weight Each, Lbs.	72	100	135	210
Each	$13.00	18.50	25.00	37.50

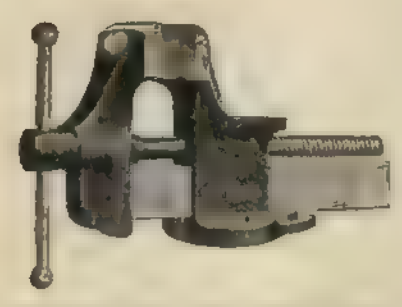
PRENTISS' IRONWORKERS

Swivel Base, Patent Detachable Steel Jaws, Self-Adjusting Back Jaw.

The back jaw automatically adjusts itself and makes firm an object of any shape. With back jaw pin inserted it becomes a parallel solid jaw vise

Nos.	18	19	19½	20	21	22	23
Jaws, Inches	2⅝	3½	4	4½	5¼	6	7
Jaws Open, Inches	3½	4⅝	5¼	6	8	9	11
Weight Each, Lbs.	17	32	46	65	109	168	277
Each	$0.70	8.50	10.50	12.50	19.00	27.00	35.00

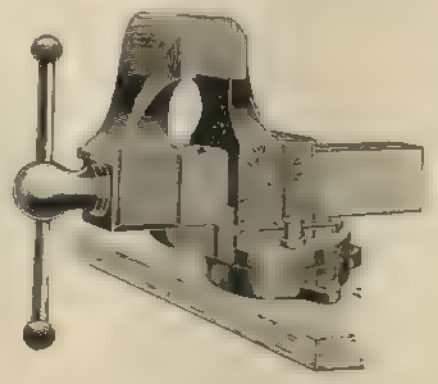
SHEPARD WOOD WORKERS'



Stationary Base, Steel Faced Jaws.

Nos.	168	68
Jaws, Inches	3½	4½
Jaws Open, Inches	7	9
Weight Each, Lbs.	33	42
Each	$5.25	6.25

BULL DOG WOOD WORKERS'



Stationary Base, Steel Faced Jaws.

No.	59
Jaws, Inches	4¼
Jaws Open, Inches	9
Weight Each, Lbs.	48
Each	$9.50

GAME AND BIRD CALLS

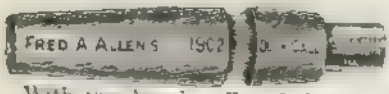
UNION DUCK CALLS

A fine duck call at a low price. Tone [illegible] Made of [illegible] bell mouth with horn tip.
No. K2. Length 4½ in., weight 1½ ozs. .$ 25

SNIPE CALL

An effective [illegible] call, like an [illegible] Made of hard [illegible]
No. K4 [illegible] weight, [illegible] $ 20

ALLEN DUCK CALL



With this Allen's call and decoys a full bag is assured. The tone is natural [illegible] Made of [illegible] ned wood, and is strong and serviceable.
No. 11. Length [illegible] weight 2½ oz $ 50

STAG SNIPE CALL

These are bone calls, every one of them being hand made. Are carefully [illegible] tuned. The best [illegible] call on the [illegible]
No. SS. [illegible] weight [illegible] oz $ 50

O. K. DUCK CALL

Made [illegible] ends of [illegible] rubber. Has a [illegible] ring lever by which tone can be instantly changed for different kinds of [illegible] and weather conditions.
No. OK. Length [illegible] in., weight 1½ oz..$1 00

CROW CALL

With this call even the [illegible] is [illegible] A few [illegible] from [illegible] make a perfect [illegible] It is [illegible] Made of [illegible]
No. CC Length [illegible] $ 50

TURKEY CALL

A sure bait for the elusive wild turkey. With a little practice a perfect imitation can be given and the game brought within range. Made of horn.
No. K1. Length 8½ in., weight 3 ozs $ 25

THE FRANK EAR STOPPLE

STYLE C

Made of soft pure gum and constructed [illegible] to conform to and rest in the orifice of the ear. It is easily adjusted and quickly removed [illegible] but will greatly protect, the sensitive ear. Style "B" is [illegible] It will keep the [illegible] canal free of water and [illegible] from the [illegible] thus preventing the [illegible] to hear at least [illegible] It is invaluable to [illegible] and [illegible] Style "C" is suitable for trapshooters and gunners and will protect the ear against shocks from explosions, while not interfering with the hearing.

No. B. For Swimmers . . . . . $ .50 No. G. For Gunners. . . . . .$ 50

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

Howe Scales.

GROCERS'

Single Beam, Graduated by ¼ Oz. to 1 Lb., Patent Frame, Rubber Tipped Horns.

No. 350—With Tin Scoop, Weighs ¼ Oz. to 10 Lbs. Shipping Weight About 22 Lbs. $10 70

Each

No. 352—With Brass Scoop, Weighs ¼ Oz. to 10 Lbs. Shipping Weight About 22 Lbs. $12.00

One in a Box.

Also Furnished with Fork to Hold Scoop for Use in State of Wisconsin.

Single Beam, Notched Slide Poise, Graduated by ½ Oz. to 2 Lbs., Patent Frame.

Each

No. 341—With Tin Scoop, Weighs ½ Oz. to 26 Lbs., Shipping Weight About 36 Lbs. $12 70

No. 343—With Brass Scoop, Weighs ½ Oz. to 26 Lbs., Shipping Weight 38 Lbs. 14 00

No. 339—Without Scoop, Weighs ½ Oz. to 26 Lbs., Shipping Weight About 35 Lbs. 11 35

One in a Box.

Also Furnished with Fork to Hold Scoop for Use in State of Wisconsin.

Single Beam, Graduated by ½ Oz. to 3 Lbs., Patent Frame.

Each

No. 331—With Tin Scoop, Weighs ½ Oz. to 26 Lbs., Shipping Weight 50 Lbs. $13 35

No. 333—With Brass Scoop, Weighs ½ Oz. to 26 Lbs., Shipping Weight 50 Lbs. 15.35

No. 479—Without Scoop, Weighs ½ Oz. to 26 Lbs., Shipping Weight 45 Lbs. 12.00

No. 338—With Tin Scoop, Weighs ½ Oz. to 62 Lbs., Shipping Weight 60 Lbs. 16 00

No. 342—With Brass Scoop, Weight ½ Oz. to 62 Lbs., Shipping Weight 60 Lbs. 18 00

No. 477—Without Scoop, Weighs ½ Oz. to 62 Lbs., Shipping Weight 55 Lbs. 14 00

One in a Box.

Double Beam, Graduated by ½ Oz. to 3 Lbs., Patent Frame.

Each

No. 335—Tin Scoop, Weighs ½ Oz. to 36 Lbs., Shipping Weight 56 Lbs. $14 70

No. 337—Brass Scoop, Weighs ½ Oz. to 36 Lbs., Shipping Weight 56 Lbs. 16 70

No. 493—Without Scoop, Weighs ½ Oz. to 36 Lbs., Shipping Weight 51 Lbs. 13 35

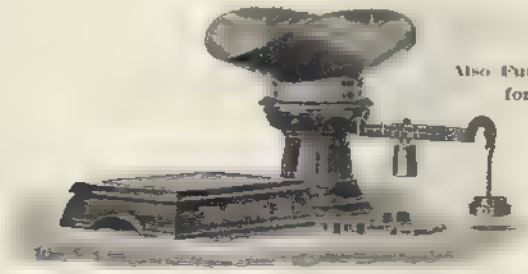
No. 340—Tin Scoop, Weighs ½ Oz. to 62 Lbs., Shipping Weight 64 Lbs. 17 35

No. 344—Brass Scoop, Weighs ½ Oz. to 62 Lbs., Shipping Weight 64 Lbs. 19 35

No. 491—Without Scoop, Weighs ½ Oz. to 62 Lbs., Shipping Weight 59 Lbs. 15 35

One in a Box.

UNION



Also Furnished with Fork to Hold Scoop for Use in State of Wisconsin.

Single Beam, Upper Row of Figures for Round Platform, Graduated ½ Oz. to 5½ Lbs.; Lower Row of Figures for Square Platform, Graduated 4 Oz. to 44 Lbs., Patent Frame, 10x14 In. Platform.

No. 320—With Tin Scoop, Weighs ½ Oz. to 240 Lbs., Shipping Weight 70 Lbs. $18.70

No. 324—With Brass Scoop, Weighs ½ Oz. to 240 Lbs., Shipping Weight 70 Lbs. 20.00

One in a Box.

Each

Extra Tin Scoop—For Nos. 320 and 322 Union Scales, Weight Each 1½ Lbs. $3.10

Double Beam, Front Bar Upper Row of Figures for Round Platform Graduated ½ Oz. to 5½ Lbs., Lower Row of Figures for Square Platform, Graduated 4 Oz. to 44 Lbs.; Rear Bar for Round Platform, Graduated ½ Oz. to 5 Lbs., Patent Frame, 10x14 In. Platform.

Each

No. 322—With Tin Scoop, Weighs ½ Oz. to 240 Lbs., Shipping Weight 75 Lbs. $20 00

No. 326—With Brass Scoop, Weighs ½ Oz. to 240 Lbs., Shipping Weight 75 Lbs. 21 35

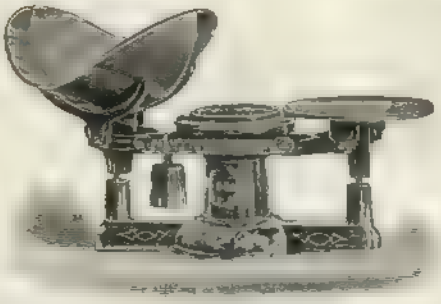
One in a Box.

Each

Extra Brass Scoops—For Nos. 324 and 326 Union Scales, Weight Each 2 Lbs. $5 35

Howe Scales.

EVEN BALANCE



Beveled Brass Side Beam, Patent Frame, Rubber Tipped Horn

With Tin Scoop.	Each
No. 396—Weighs ⅛ Oz. to 2 Lbs., Shipping Weight 18 Lbs.	$ 7.70
No. 392—Weighs ⅛ Oz. to 6 Lbs., Shipping Weight 28 Lbs.	9.00
No. 388—Weighs ¼ Oz. to 10 Lbs., Shipping Weight 41 Lbs.	10 70
No. 384—Weighs ¼ Oz. to 16 Lbs., Shipping Weight 67 Lbs.	14 00

With Brass Scoop.	Each
No. 394—Weighs ⅛ Oz. to 2 Lbs., Ship. Wt. 18 Lbs.	$ 8.35
No. 390—Weighs ⅛ Oz. to 6 Lbs., Ship. Wt. 27 Lbs.	10 00
No. 386—Weighs ¼ Oz. to 10 Lbs., Ship. Wt 41 Lbs.	12 00
No. 382—Weighs ¼ Oz. to 16 Lbs., Ship. Wt 67 Lbs.	15 35

One in a Box

Patent Frame, with Two Iron Plates.

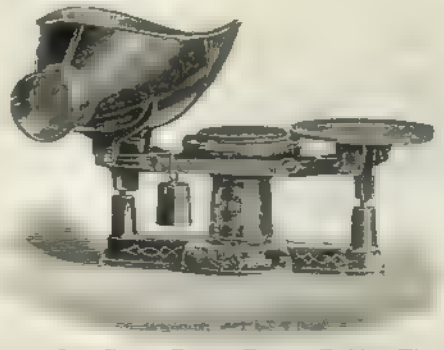
	Each
No. 434—Weighs ⅛ Oz. to 2 Lbs., Shipping Weight 18 Lbs	$ 6 70
No. 428—Weighs ⅛ Oz. to 6 Lbs., Shipping Weight 27 Lbs.	8 00
No. 422—Weighs ¼ Oz. to 10 Lbs., Shipping Weight 43 Lbs	9 35
No. 416—Weighs ¼ Oz. to 16 Lbs., Shipping Weight 66 Lbs	12 70

One in a Box

Even Balance, Side Beam, One Porcelain and One Iron Plate.

	Each
No. 478—Weighs ⅛ Oz. to 6 Lbs., Shipping Weight 32 Lbs	$11 00
No. 476—Weighs ¼ Oz. to 10 Lbs., Shipping Weight 46 Lbs.	14.00
No. 474—Weighs ¼ Oz. to 16 Lbs., Shipping Weight 69 Lbs.	17.35

One in a Box



Beveled Brass Side Beam, Patent Frame, Rubber Tipped Horns. With Brass Funnel Scoop.

	Each
No. 412—Weighs ⅛ Oz. to 2 Lbs., Shipping Weight 20 Lbs.	$ 9.70
No. 410—Weighs ⅛ Oz. to 6 Lbs., Shipping Weight 31 Lbs.	11 35
No. 408—Weighs ¼ Oz. to 10 Lbs., Shipping Weight 50 Lbs.	14 00
No. 406—Weighs ¼ Oz. to 16 Lbs., Shipping Weight 70 Lbs.	17.35

One in a Box

Patent Frame with Two Iron Plates, Beveled Brass Side Beam.

	Each
No. 458—Weighs ⅛ Oz. to 2 Lbs., Shipping Weight 18 Lbs.	$ 8 35
No. 452—Weighs ⅛ Oz. to 6 Lbs., Shipping Weight 29 Lbs.	9 00
No. 446—Weighs ¼ Oz. to 10 Lbs., Shipping Weight 44 Lbs.	10 70
No. 440—Weighs ¼ Oz. to 16 Lbs., Shipping Weight 68 Lbs	14.00

One in a Box.

BUTTER

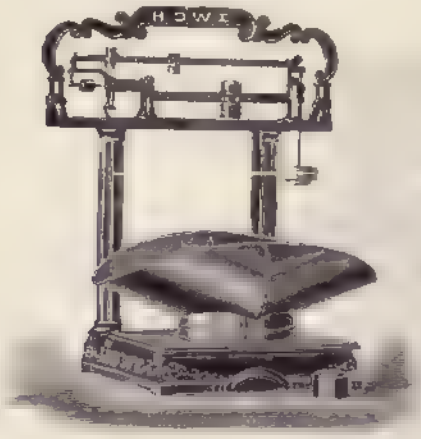
Double Beam, Graduated by ½ Oz. to 8 Lbs. on Each Bar, Square Porcelain Plate.

Without Scoop.	Each
No. 506—Weighs ½ Oz. to 25 Lbs., Ship. Wt. 33 Lbs.	$14.70
No. 467—Weighs ½ Oz. to 36 Lbs., Ship. Wt. 45 Lbs.	17.35
No. 464—Weighs ½ Oz. to 62 Lbs., Ship Wt. 55 Lbs.	20 00

With Tin Scoop.	Each
No. 465—Weighs ½ Oz. to 36 Lbs., Ship. Wt 50 Lbs.	$19 25
No. 466—Weighs ½ Oz. to 62 Lbs., Ship. Wt. 62 Lbs.	22 00

One in a Box

Howe Scales.



VERMONT COUNTER

Finished in Vermilion and Gold, Highly Ornamented, Nickel Plated Double Beam and Sliding Poises, Beam Graduated on Both Sides, Upper Bar 1 Ounce to 10 Pounds, Lower Bar 8 Ounces to 40 Pounds, Total Capacity of Scale 200 Pounds, 15x12 in. Platform

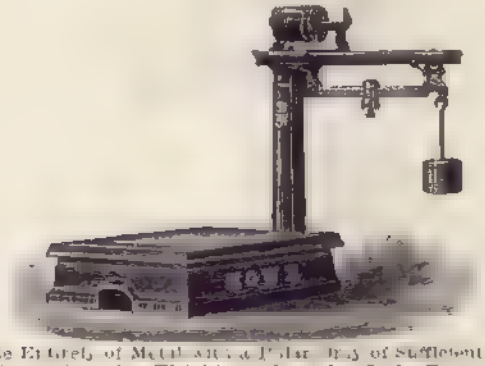
	Each
No. 593—Extra Large Tin Scoop, Weighs 1 Oz. to 200 Lbs., Shipping Weight 85 Lbs.	$32 00
No. 594—Extra Large Brass Scoop, Weighs 1 Oz. to 200 Lbs., Shipping Weight 85 Lbs.	33 35
No. 597—Without Scoop, Weighs 1 Oz. to 200 Lbs., Shipping Weight 80 Lbs	30 00
No. 598—Without Scoop, Marble Platform, Weighs 1 Oz. to 200 Lbs., Shipping Weight 95 Lbs.	32 00

The Above Scales can be Furnished with Agate Bearings at an Additional Cost of $5 00 Each

Can be used with or without Scoop, have a large platform in proportion to Counter Room occupied. The Beam, being set back, will not interfere with high packages, and being placed above the Cap can be easily read by both merchant and customer

One in a Box

PLATFORM COUNTER



Made Entirely of Metal, with a Platform Base of Sufficient Height to be Convenient for Weighing when the Scale Rests on the Counter. 13x19 in. Platform.

	Each
No. 348—Single Brass Beam, Weighs 2 Oz. to 300 Lbs., Shipping Weight 100 Lbs.	$25 35
No. 502—Single Brass Beam, Weighs ¼ Oz. to 300 Lbs., Shipping Weight 100 Lbs.	32 00

One in a Box.

PLATFORM COUNTER

Same Style as Above, with 10x14 In. Platform.

	Each
No. 345—Single Brass Beam, Weighs 1 Oz. to 200 Lbs., Shipping Weight 50 Lbs	$21 35

One in a Box

ACME COUNTER

Finished in Vermilion, with Gold Ornamentation, Nickel Plated Double Beam and Sliding Poises

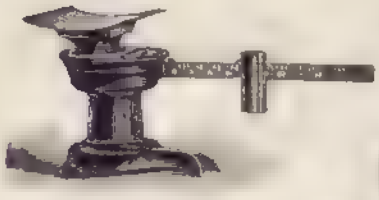
The Upper Bar of Beam is Graduated by 1 Ounce to 10 Pounds, the Lower Bar, 8 Ounces to 40 Pounds, Total Capacity of Scale, 100 Pounds, 12x12 in. Platform.

	Each
No. 810—With Tin Scoop, Weighs 1 Oz. to 100 Lbs., Shipping Weight 50 Lbs.	$23 35
No. 812—With Brass Scoop, Weighs 1 Oz. to 100 Lbs., Shipping Weight 51 Lbs.	25.35
No. 814—Without Scoop, Weighs 1 Oz. to 100 Lbs., Shipping Weight 50 Lbs.	21 35
No. 815—Without Scoop, Marble Platform, Weighs 1 Oz. to 100 Lbs., Shipping Weight 55 Lbs.	23.35
No. 817—With Brass Scoop and Marble Platform, Weighs 1 Oz. to 200 Lbs., Shipping Weight 60 Lbs.	27 35

The above Scales can be furnished with Agate Bearings at an additional cost of $5 00 each.

One in a Box

POSTAL



Single Beam, Graduated in Ounces.

	Each
No. 358—Weighs ½ Oz. to 9 Oz., Shipping Weight 4 Lbs	$4.00
No. 355—Weighs ½ Oz. to 16 Oz., Shipping Weight 5 Lbs.	5.35

One in a Box

Beam Graduated in Ounces.

	Each
No. 354—Single Beam, Weighs ½ Oz. to 32 Oz., Shipping Weight 11 Lbs.	$8 00
No. 302—Double Beam, Weighs ½ Oz. to 64 Oz., Shipping Weight 20 Lbs.	10.70

One in a Box

Single Beam with Balance Ball in the Beam Head for Rebalancing Scale

	Each
No. 363—Weighs ½ Oz. to 64 Oz., Shipping Weight 20 Lbs	$10.70

One in a Box.

Howe Scales.

PACKAGE

Single Beam

Each
No. 364—Weighs ½ Oz. to 64 Oz., Shipping Weight 18 Lbs $10.70

One in a Box

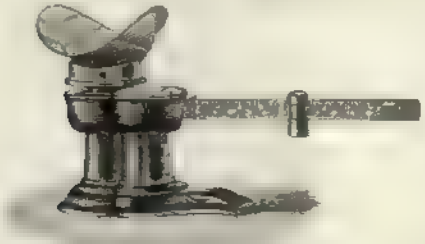
TOBACCO

Single Beam, Brass Scoop, Full Capacity on Beam.

Each
No. 347—Weighs ¼ Oz. to 16 Oz., Shipping Weight 6 Lbs $7 35
No 349—With Nickel Plated Scoop, Weighs ¼ oz. to 16 Oz., Shipping Weight 6 Lbs..... 9.00

One in a Box.

FLAX SEED TESTERS



Single Beam, Brass Scoop, Full Capacity on Beam.

Each
No. 500—Weighs ¼ Oz. to 16 Oz., Shipping Weight 6 Lbs. $13.35

One in a Box

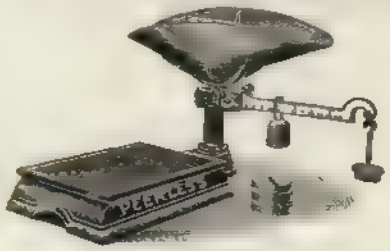
SIEVES FOR FLAX SEED TESTERS

In Sets of Two.

Per Set
Sieves—In Sets of Two, Weight Per Set 6 Lbs..... $3 90
Sieves—In Sets of Two, Extra Large, Weight Per Set, Crated, 6 Lbs..... 5 60

One Set in a Crate.

For ascertaining the per cent of dirt in the seed Beam graduated ¼ oz. to 16 oz. Also per cent graduation 0 to 100. Weigh 1 pound of seed in scoop, sift the dirt therefrom, then weigh the dirt or seed; the per cent graduation on lower part of beam indicates the amount of dirt or clean seed.



No 1P

Counter Scales.

PEERLESS UNION

Complies with the New State Law in All Respects.

High Grade Construction, Extra Heavy Castings, Solid Heavy Brass Beam, Hardened Steel Pivots and Bearings, Carefully Tempered, Handsomely Painted and Decorated, with Tin Scoop

Each
No. 1P—Single Beam, Weighs ½ Oz. to 240 Lbs., Shipping Weight 65 Lbs .$8 35
No. 2P—Double Beam, Weighs ½ Oz. to 240 Lbs., Shipping Weight 70 Lbs . 9 10

One in a Box

Counter Scales.

EXCELSIOR

Solid Brass Beam, Case Hardened Tool Steel Bearings, Vermilion Enameled, Gold Decorated

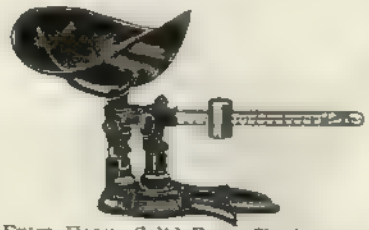
With Tin Scoop.

Each
Excelsior—Weighs 35 Lbs. by ¼ Oz., Shipping Weight 15 Lbs .$6 70

One in a Box

Candy Scales.

AMERICAN



Extra Heavy Solid Brass Single Beam solid Brass Sliding Poise, Beam Graduated on Both Sides, in Lines by ½ Oz and in Figures by ¼ Lb., Case Hardened Tool Steel Bearings and Pivot, Vermilion Enameled, Gold Decorated

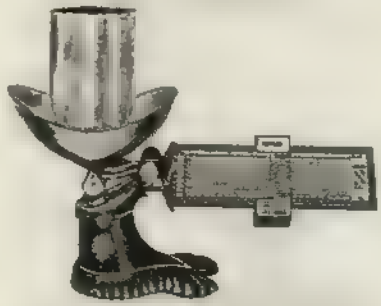
With Tin Scoop.

Each
American—Weighs 4 Lbs. by ½ Oz., Shipping Weight 12 Lbs.. . $7 80

One in a Box

Candy Scales.

SUPERB COMPUTING



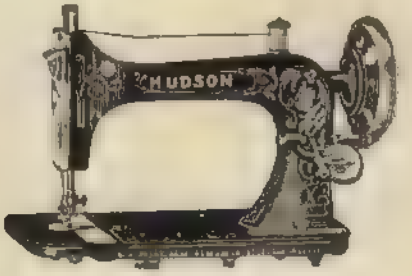
Adjustable Beam, Tempered Steel Bearings and Pivots, all Metal Mountings and Scoop Nickel Plated, Sliding Indicator Poise with Fine Wire Which Shows the Cost in Cents of the Material Weighed and Computes the Cost of Candy from 5 to 60 Cents per Pound.

Each
Superb—Capacity 3 Lbs. by ½ Oz., Length 14 in., Height 8 in. Weight Each, Boxed, 6 Lbs...$9.00

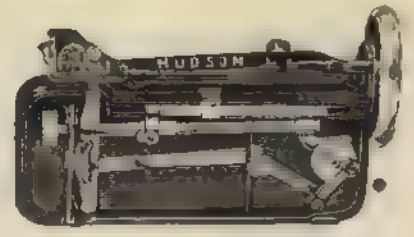
One in a Box

SEWING MACHINES

"HUDSON" AUTOMATIC, DROP HEAD



Top View of Sewing Head.



Bottom View of Sewing Head.

Ball Bearing, Automatic Tension, Fully Warranted for Ten Years.

In General This model although moderate in price is, we honestly believe, the most magnificently equipped and the best finished sewing machine the present market affords. It certainly is the full equal in every way of the Singer, Wheeler & Wilson, White, Domestic, New Home, etc., which machines being sold by the old fashioned expensive agency methods necessarily retail at what are truly exorbitant prices when compared with the prices of our machines.

The Sewing Head The Sewing Head forms the reliable and time tested double lock stitch. It has an extremely high arm and in every respect it is modern and well equipped with improvements and labor saving devices as the following list will show. Self Regulating Tension with automatic release, Steel Forged, Double Width, Positive Four Motion Feed, Steel Capped Needle Bar and Presser Bar, Improved Automatic Stitch Regulator on Face of Arm, Automatic Bobbin Winder, Positive Cam Driven Take up Gear Releasing Device, Self Threading Shuttle and Oil Hardened Steel Working Parts.

The Case—The Case of this new model is decidedly superior in construction and different in appearance from any and all others. As illustration shows it is built on graceful and beautiful lines, which immediately appeal to the eye of the discriminating. Each drawer is fitted with lock and key by means of which the four full length side drawers and their contents are secure from loss. The beautifully carved drop front piece, the massive construction, the easily operated, tested steel chain automatic lifting device and the hand rubbed mirror finish of the entire quarter-sawed case are excellent features not incorporated in any other machine.

The Stand Our New Ball Bearing Stand (just out) is a marvel of simplicity, noiselessness and speed. The accurately ground steel balls are encased in improved retainers where they revolve independently of each other. The New Steel Pitman has net binding, easily adjusted connections at either end. The Belt Retaining Guard is a wonderfully ingenious device and one of much merit. It eliminates all the fussing and straining incident to belting machines less fortunately equipped.

The Attachments—The Steel Attachments are packed in an elaborate, velvet lined metal box. They are very complete as the following indicates: Tucker, Ruffler, Brauder, Binder, Four Hemmers of different widths, Shirring Slide, Feller, Quilter, Cloth Guide, Six Bobbins, Twelve Needles, Two Screw Drivers, Filled Oil Can and Illustrated Book of Directions.

Each

No. 44—Hudson, 4 Drawers, Complete with All Attachments . . . . . $.....

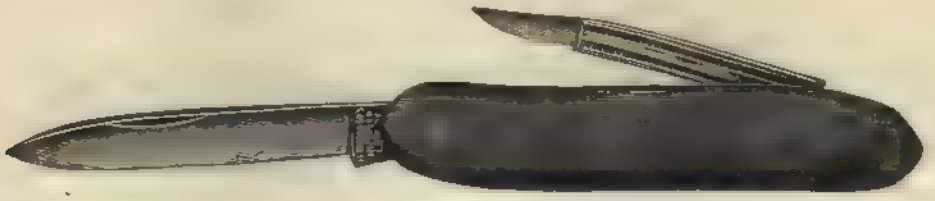
Weight Each Crated 128 Pounds.

POCKET KNIVES

Cuts Full Size

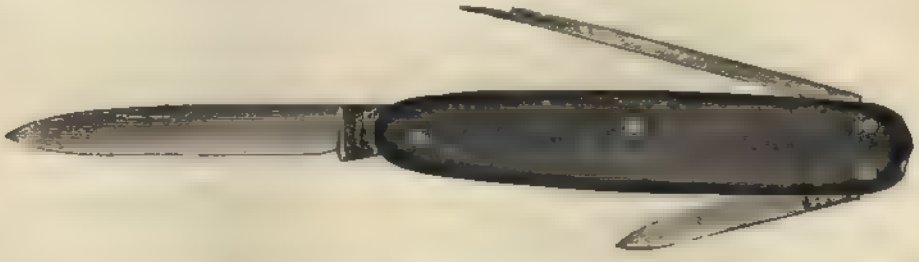
Per Dozen

No. 7097—Vest Pocket, Two Pen Blades, Full Crocus Polished, 2½ in. Pearl Handle.....$
One-half Dozen in a Box.



Per Dozen

No. 7288—Manicure, Two Blades, 1 Pen and Nail File, Full Crocus Polished, 3 in. Double Spring Gun Metal Finished Handle.....$
One-half Dozen in a Box



Per Dozen

No. 7002—Manicure, Three Blades, 2 Pen and Nail File, Full Crocus Polished, 3 in. Double Spring Gun Metal Finished Handle.....$
One-half Dozen in a Box

Per Dozen

No. 6999—Manicure, Three Blades, 2 Pen and Nail File, Full Crocus Polished, 3 in. Double Spring Gun Metal Finished Handle.....$
One-half Dozen in a Box

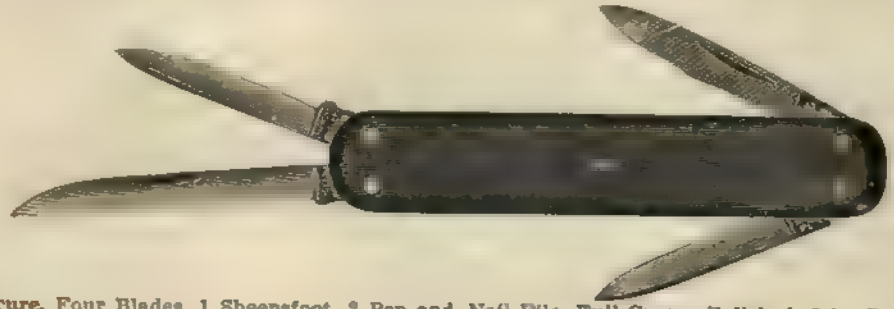
Per Dozen

No. 7287—Manicure, Three Blades, 2 Pen and Nail File, Full Crocus Polished, 2¾ in. Double Spring Frosted Finish White Metal Handle with Fancy Etching.....$
One-half Dozen in a Box.

POCKET KNIVES

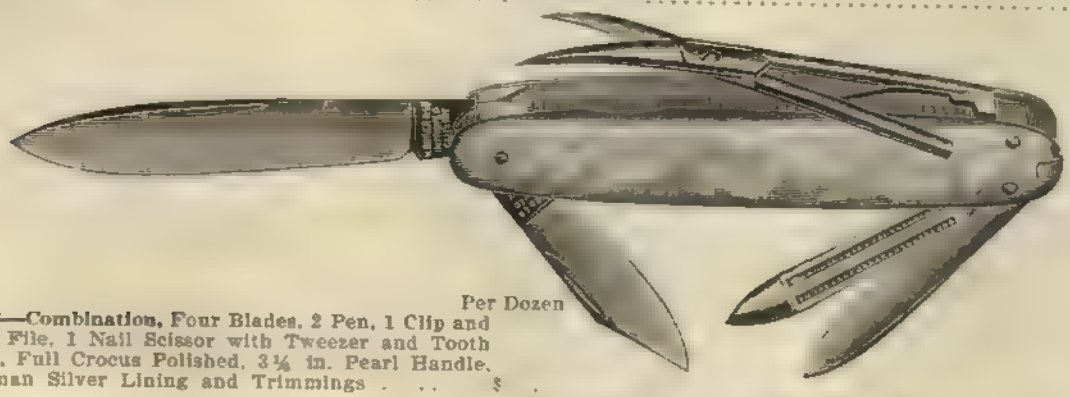
Cuts Full Size.

No. 6441—Four Blades, 1 Large Sheepsfoot, 2 Pen and Nail File, Full Crocus Polished, 3¼ in. Pearl Handle, German Silver Lining and Shield..... Per Dozen ...$.....

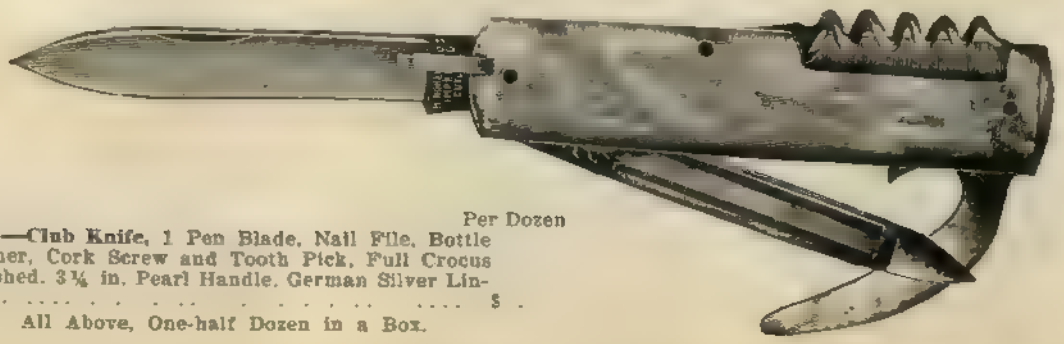


No. 7003—Manicure, Four Blades, 1 Sheepsfoot, 2 Pen and Nail File, Full Crocus Polished, 3 in. Double Spring Gun Metal Finished Handle..... Per Dozen ....$.....

No. 7269—Two Pen Blades and Nail Scissors, Full Crocus Polished. 3 in. Frosted and Etched White Metal Finished Handle . . . . . Per Dozen .....$.....



No. 7228—Combination, Four Blades, 2 Pen, 1 Clip and Nail File, 1 Nail Scissor with Tweezer and Tooth Pick, Full Crocus Polished, 3¼ in. Pearl Handle, German Silver Lining and Trimmings . . . . Per Dozen $.

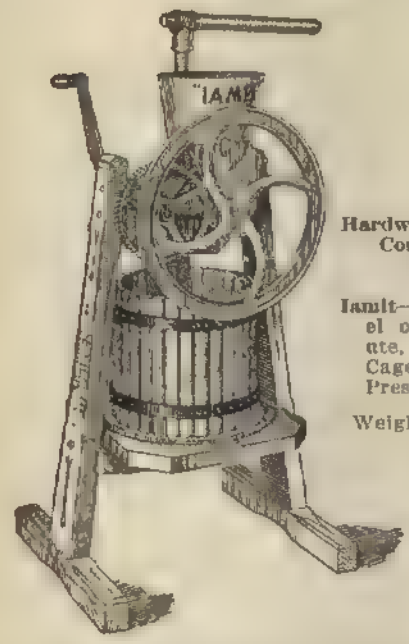


No. 7207—Club Knife, 1 Pen Blade, Nail File, Bottle Opener, Cork Screw and Tooth Pick, Full Crocus Polished. 3¼ in. Pearl Handle, German Silver Lining . . . . . Per Dozen $.

All Above, One-half Dozen in a Box.

CIDER MILLS

IAMIT



Hardwood Frame, Strongly Constructed, Natural Wood Finish.

Each

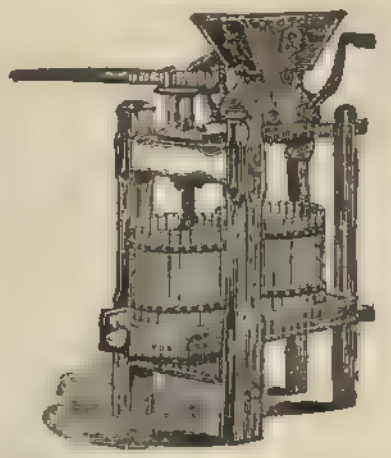
Iamit—Capacity ½ Bushel of Apples Per Minute, 12¼x13¾ in Cage, 24x1¼ in. Steel Press Screw.....$.....

Weight Each 138 Pounds

The Iamit is a Geared Cylinder Mill, cutting and scraping apples very rapidly, and being made with adjustable concave, the cutting and scraping can be done as desired—either coarse or fine.

In from five to eight minutes a peck or more of apples can be gathered and from one to two gallons of cider made. It is a self-feed—you need not poke apples to the grinding disc. Every owner of one or more apple trees should have one.

MEDIUM



Hardwood Frame, Securely Bolted, Attractively Finished.

Each

Medium—Capacity 4 to 6 Barrels of Cider Per Day, Two 12x12¾ in. Cages, 22x1¼ in Steel Press Screw, Weight Each 240 Lbs.....$.....

The Medium Cider Mill is a good size for family use. It is built with iron beam and heavy gearing and is perfectly adjustable for all kinds of fruit

It is a well known fact that hand mills produce a better quality of cider than power mills.

BARREL HEADERS OR FRUIT PRESSES

CLIMAX LEVER

Per Dozen

No. 6—One Piece Steel Side Clamps, Steel Lever, Wt. Per Dozen 180 Lbs.....$.....

The Side Clamps are of one piece, there being no joints to bind. It stands upright and can be operated from either side of barrel. The sides are adjustable to different lengths of barrels, and its movement is quick and powerful.

IRON SCREW

Per Dozen

No. 1 -1 in. Iron Screw, Wood Handle, Steel Side Clamps, Weight Per Dozen 171 Lbs.. .....$.....

This press has the follower attached to the screw The follower attached thus can revolve, and is taken up with the screw after the barrel is headed. The side clamps are of steel and are fastened with two bolts.

BARREL SWINGS

SARGENT

Per Dozen Sets

No. 13—Iron, Japanned, for Barrels of Any Size, Can be Used in Any Space. Weight Per Dozen Sets 40 Lbs. .....$.....

For swinging barrels of any size under counter or shelves of any height.

Barrels can be swung out without physical exertion, as a touch of the hand will move it.

FRUIT AND VEGETABLE SLICERS

HANDY

Per Dozen

No. 3-S—One Knife, Bright Tin, 2½ in. Wide, Hardwood Frame, Weight Per Dozen About 5 Lbs..$.....

It slices all kinds of fruit and vegetables in flat sections of perfectly uniform thickness. Solid and substantially made.

One Dozen in a Carton.

IMPROVED HANDY

Per Dozen

No. 6—One Knife, Corrugated Cold Rolled Steel, 4 in. Wide, Hardwood Frame, Steel Sliding Guard, Weight Per Dozen 11 Lbs.....$.....

It slices all kinds of fruit and vegetables in an infinite variety of attractive designs, making plain flutings perforated flutings, shoestring potatoes, etc.

One Dozen in a Carton

SLAW CUTTERS

Per Dozen

No. 40A—One Adjustable Best Steel Knife, 6⅝x16⅛ in. Best Quality White Hard Maple Frame, Heavy Construction, Weight Per Dozen 33 Lbs. .....$.....

Per Dozen

No. 45A—Two Adjustable Best Steel Knives, 7x18 in. Best Quality White Hard Maple Frame, Heavy Construction, Weight Per Dozen 39 Lbs.$.....

One Dozen in a Crate.

KRAUT CUTTERS

Extra Quality Sugar Maple Frame and Sliding Box, Finished in the White, Adjustable Tempered Steel Knives, Red Enameled with Polished Cutting Edges.

Nos.	50T	55T	60T	65T	70T
Number of Knives	2	3	4	3	3
Size, Inches	9x26	9x26	9x26	11x30	13½x36
Weight Per Dozen, Lbs	100	100	100	160	250
Per Dozen	$				

One half Dozen in a Crate

DISH WASHERS

WHIRLPOOL SANITARY

White Enameled Heavy Tin Body, Black Enameled Heavy Stamped Steel Legs, Jointed Wood Handle.

Each

Whirlpool Sanitary—31¼ in. High Over All, 18 in. in Diameter, Holds 40 to 55 Dishes, the Average Number of Pieces Used in Families of 6 to 8 People, Weight Each Complete 22½ Lbs.. . . . $.

The dishes are first placed in the wire rack, the perforated cover put on, then the water poured in which falls over the dishes with a raining effect, loosening the grease and dirt, and greatly shortening the time required to clean them.

Hot, soapy water is required and not more than eight quarts should be used. The operator's hands never touch the water, which permits the use of water of the highest temperature and soap of strong grease cutting character, with absolute protection against injury to hands or complexion. Moving the handle forward and backward revolves the propeller in the bottom, which dashes the water with a swirling effect around, through and over all the dishes, cleansing them perfectly on all sides.

Perfect sterilization, so necessary to prevent infection, is impossible when the dish pan is used. The **Whirlpool**, however, which permits the use of scalding water perfectly sterilizes all dishes and removes every danger of contagion.

One in a Wooden Box.

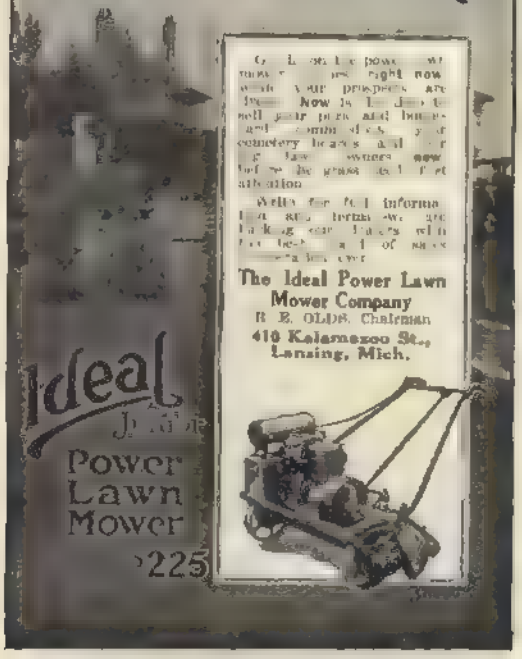
Double Your Tape Sales

THE DIETZGEN line will do it. *An attractive profit and repeat orders for you* with practical advantages of simplified-reading, top graduations and black finish for the customer. Dealers protected by an absolute guarantee and benefited by broad advertising.

Send for Catalog "D" **Eugene Dietzgen Co.,** Manufacturers

Chicago New York San Francisco New Orleans Toronto Pittsburgh Philadelphia

NOW is Ideal Time



The Ideal Power Lawn Mower Company
R. E. OLDS, Chairman
410 Kalamazoo St., Lansing, Mich.

Try This All-Steel Fire-Proof Baler 10 days *FREE*

Let it bale your waste paper for 10 days—without obligation—and turn this present loss as well as fire risk into a profit before your very eyes. You may be starting up a hundred—even a thousands of dollars annually risking your business today with fire. Stop this one and risk start the dollars coming instead of going.

ALL STEEL Schick FIRE PROOF

BALING PRESS

NEW SOURCE OF PROFIT

You can't afford to use anything but an all steel baler.

The SCHICK is absolutely fireproof keeps your place neat and orderly—is so simple your office boy can operate it. Nothing to get out of order—bales all waste matter. Made in five sizes. Used by the U. S. Government.

Get This Free Book

Simply clip and mail the coupon for free book "How to Make Money on Waste Paper." It means money to you.

Salesmen and Jobbers Wanted.

Davenport Mfg. Company
Dept. "B" Davenport, Ia.

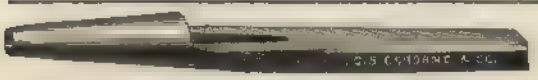
Davenport Mfg. Company, Dept. "B" Davenport Ia.
Send free book "How to Make Money on Waste Paper" and details of your 10-day free trial offer.
Name. . . .
Address. . . .

FORSTNER BITS

One of the Most Remarkable Tools for Woodworking Ever Invented for Brace and Machine

The Forstner Labor-Saving Auger Bit unlike other bits is guided by its Circular Rim instead of its centre, consequently it will bore any arc of a circle, and can be guided in any direction regardless of grain or knots, leaving a true polished surface. It is preferable and more expeditious than chisel, gouge, scroll-saw, or lathe tool combined for corn-boxes, fine and delicate patterns, tapers, screen work, scalloping fancy scroll twist columns, newel ribbon moulding and mortising, etc.

THE PROGRESSIVE MFG. CO., TORRINGTON, CONN., U. S. A.



PLIERS NIPPERS AND PUNCHES

C. S. Osborne & Co.
ESTABLISHED 1826
Newark N. J.
Send for Catalog

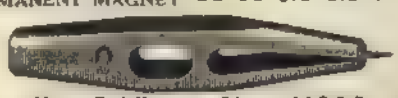
ROUND AND OVAL PUNCHES of Superior Quality

We specialize on countersunk washers in all sizes.
Made in steel or brass, both solid and hollow.

Massachusetts Machine Shop, Inc.
54 to 70 Commercial St.,
Worcester, Mass.

FORMED or SOLID STEEL or BRASS

ROBERTSON "HORSESHOE MAGNET" PERMANENT MAGNET HAMMER



The best Magnet Tack Hammer. Silver medal P-P Exposition
ARTHUR R. ROBERTSON, Patentee and Sole Mfr.
144 Oliver Street, BOSTON MASS.

STEAM COOKERS

IDEAL

Extra Heavily Tinned Finest Grade IX Charcoal Tin Plate Top, Sides and Double Doors, Cold Drawn Solid Copper Seamless Tank or Bottom, Strong and Durable.

Each

No. 20—11¾ in Square, 21½ in. High, Capacity 11¾ Gallons, 2 Double Doors, 4 Removable Shelves or Divisions and 4 Compartments, Complete with Whistle, 2 Pans and Cook Book Will Cook Enough Food at One Time for 3 to 15 People, Holds 16 1-Quart Jars ..... $. . .

The grandest labor-saving invention ever offered for canning fruits and vegetables—cooks the fruit and vegetables right in the glass jars or cans themselves. No pouring hot preserves or jam into the jars after cooking, no scalded or burned hands, no broken jars, no boiling nor stewing in large kettle on the open stove, no heat, no drudgery, no loss by evaporation or boiling away, no scorching nor over-cooking.

Weight Each 12 Pounds

STEAM PEANUT WARMERS

Polished Tin, with Galvanized Iron Base.

Each

No. 9—32 in. High, 18 in. Long, 12 in. Wide, Capacity 13 Quarts, Equipped to Burn Charcoal, Weight Each 26 Lbs..... $ . .

No. 9A—With Gas Equipment, Otherwise Same as No 9 .....

No. 9B—For Oil, Including Oil Stove, Otherwise Same as No. 9..... ....

No. 9C—With Gasoline Equipment, Otherwise Same as No 9..... .....

No. 10—35 in. High, 21 in. Long, 13 in. Wide, Capacity 24 Quarts, Equipped to Burn Charcoal, Weight Each 35 Lbs..... .. .

No. 10A—With Gas Equipment, Otherwise Same as No. 10..... . ... . .

No. 10B—For Oil, Including Oil Stove, Otherwise Same as No 10 .. . . . .

No. 10C—For Gasoline Equipment, Otherwise Same as No. 10.. ....

The top is made of heavy tin with copper bottom. The glass panels at sides, which provide for a permanent display of peanuts, making it a very attractive machine.

The base is of heavy galvanized iron supported by legs of strap iron, extending from top on one side to top on opposite side. The charcoal grate is removable through large side door, likewise the oil stove, when oil is used. Proper outlets for air circulation are provided.

Gas equipment includes gas burner, inside piping and brass hose connections.

PEANUT AND COFFEE ROASTERS

Heavy Sheet Iron, Varnished Black.

Each

No. 1—16 in. Long, 10½ in. Wide, Capacity 10 Quarts, Equipped to Burn Charcoal, Weight Each 24 Lbs . . . . . $.....

No. 1A—With Gas Attachment, Otherwise Same as No. 1 . . . .

No. 1B—With Gasoline Attachment, Otherwise Same as No. 1..... .....

No. 2—18 in. Long, 12 in. Wide, Capacity 14 Qts. Equipped to Burn Charcoal, Wt. Each 29 Lbs . . .

No. 2A—With Gas Attachment, Otherwise Same as No. 2 . . . . . .

No. 2B—With Gasoline Attachment, Otherwise Same as No. 2..... .....

No 3—20 in. Long, 13 in. Wide, Capacity 20 Qts. Equipped to Burn Charcoal, Wt. Each 37 Lbs . . .

No. 3A—With Gas Attachment, Otherwise as No. 3. . .

No. 3B—With Gasoline Attachment, Otherwise Same as No 3.. . . . .

No. 4—23 in. Long, 15 in. Wide, Capacity 32 Qts, Equipped to Burn Charcoal, Wt. Each 46 Lbs . .

No. 4A—With Gas Attachment, Otherwise as No. 4 . . .

No. 4B With Gasoline Attachment, Otherwise Same as No. 4.. . . . . .

No. 5—24 in. Long, 16½ in Wide, Capacity 40 Qts Equipped to Burn Charcoal, Wt. Each 52 Lbs. . . .

No. 5A—With Gas Attachment. Otherwise as No. 5 . . .

No. 5B—With Gasoline Attachment, Otherwise Same as No. 5 . . . . . .

No. 6—25 in. Long, 17 in. Wide, Extra Heavy, Capacity 48 Quarts, Equipped to Burn Charcoal, Weight Each 72 Lbs..... ....

No. 6A—With Gas Attachment, Otherwise as No. 6 . . . .

No. 6B—With Gasoline Attachment Otherwise Same as No 6 . . . . . .

These Roasters have wrought iron legs, made of heavy band iron, extending in one piece from the top on one side to the top of the other side, thus making it very strong and durable. The charcoal grate is removable.

FIRELESS COOK STOVES

IDEAL

The "Ideal" Fireless Cook Stove is the embodiment of all that is best in fireless cook stove construction. The principle of fireless cooking finds in the "Ideal" its complete accomplishment.

The fireless method of cooking resolves itself into one basic principle—heat retention

The "Ideal" Fireless Cook Stove accomplishes this by scientific insulation, strata-laid, fireproof which not only retains the heat, but is a barrier to exterior influences.

A patented device, the water seal top and a concomitant valve, effect positive heat imprisonment.

Pure aluminum of extra thick gauge lines the entire interior. The cooking compartments are manufactured seamless of the same heavy metal All unions seamed and double locked under heavy pressure Steel sub-frame, interior supports of beam construction. The whole confined in the final wall of rigidity the vulcanized, solid oak outer casing.

Nos. 11 and 14.

The seamless pure aluminum cooking compartment, or wells, are drawn from heavy sheets of pure aluminum and have no seams in the bottom or at the sides. This means that it is impossible for grease, water or moisture to enter the insulation through the bottom or sides of the cooking compartment. The wells of 12 quart capacity are united by double locked seams under heavy pressure to a thickness of pure aluminum or "sub-collar." The sub-collar gives the well the double grip which is needed to supply the strength necessary for a cooking compartment of such large capacity.

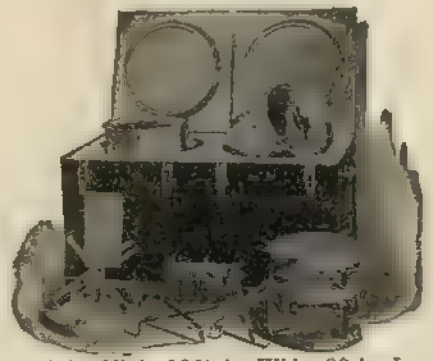
One Compartment.

Each

No. 11—17½ in. High, 16¼ in. Wide, 16½ in. Long, Equipped with One 8-Quart Aluminum Kettle, Two Heat Radiators, One Pair Individual Pastry and Cake Shelves, One Radiator Rack, Two Radiator Hooks, One Book of Directions and Radiator Thermometer, Weight Each 60 Lbs. . . . . $.....

No. 14—20½ in. High, 16¼ in. Wide, 16½ in. Long, Equipped with One 12-Quart Aluminum Kettle, Two Heat Radiators, One Pair Individual Pastry and Cake Shelves, Two Radiator Hooks, One Radiator Rack, One Book of Directions and Radiator Thermometer, Weight Each 65 Lbs. . . . .

TWO COMPARTMENT



Each

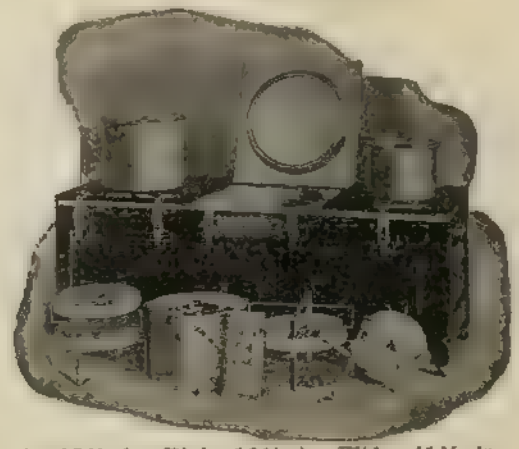
No. 12—17½ in. High, 16¼ in. Wide, 29 in. Long, Equipped with One 8-Quart and One 4-Quart Aluminum Kettle, Three Heat Radiators, One Radiator Rack, One Pair Individual Pastry and Cake Shelves, Two Radiator Hooks, One Book of Directions and Radiator Thermometer, Weight Each 90 Lbs..... $....

No. 15—17½ in. High, 16¼ in. Wide, 30½ in. Long, Equipped with Two 8-Quart Aluminum Kettles, Four Heat Radiators, Two Radiator Racks, Two Pair Individual Pastry and Cake Shelves, Two Radiator Hooks, One Book of Directions and Radiator Thermometer, Weight Each 105 Lbs..... .....

No. 18—20½ in. High, 30½ in. Long, 16¼ in. Wide, Equipped with One 12-Quart and One 8-Quart Aluminum Kettles, Otherwise Same as No. 15, Weight Each 120 Lbs..... ...

No. 19—20½ in. High, 16¼ in. Wide, 30½ in. Long, Equipped with Two 12-Quart Aluminum Kettles, Otherwise Same as No. 15, Weight Each 120 Lbs..... .. ..

THREE COMPARTMENT



Each

No. 13—17½ in. High, 16¼ in. Wide, 41½ in. Long, Equipped with One 8-Quart and Two 4-Quart Aluminum Kettles, Four Heat Radiators, One Radiator Rack, One Pair Individual Pastry and Cake Shelves, Two Radiator Hooks, One Book of Directions and Radiator Thermometer, Weight Each 130 Lbs..... ...$.....

No. 16—17½ in. High, 16¼ in. Wide, 43 in. Long, Equipped with Two 8-Quart and One 4-Quart Aluminum Kettles, Five Heat Radiators, Otherwise Same as No. 13, Weight Each 145 Lbs. .....

No. 17—20½ in High, 16¼ in. Wide, 44½ in. Long, Equipped with Two 12-Quart and One 8-Quart Aluminum Kettles, Six Heat Radiators, Three Radiator Racks, Three Pair Individual Pastry and Cake Shelves, Two Radiator Hooks, One Book of Directions, and Radiator Thermometer, Weight Each 175 Lbs.. ....

Watches.

YANKEE

Gentlemen's.
Size 16, Open Face, Stem Wind and Set, Snap Back Case and Bezel.

Each

No. 10 — Nickel Plated Case . $1.62
No. 010 — Gun Metal Finish Case 1.75
Weight Each About 2 Oz.

ECLIPSE

Gentlemen's
Size 16, Thin Model, Open Face, Stem Wind and Set, Semi-Bascine Case, Snap Back and Bezel. Each

No. 12 — Nickel Plated Case . . $2.30
No. 012 — Gun Metal Finish Case 2.40
Weight Each About 2 Oz.

JUNIOR

Size 12 (Medium Size), Thin Model, Open Face, Stem Wind and Set, Solid Nickel Case with Antique Bow and Crown, Snap Back and Bezel. Each

No. 35—Nickel Plated Case . $3.00
No. 035 — Gun Metal Finish Case 3.15
Weight Each About 2 Oz.

MIDGET

Ladies', Gents' or Boys', Size 6, Open Face, Stem Wind and Set, Snap Back and Bezel.

Each

No. 25—Nickel Plated Case $3.00
No. 025—Gun Metal Finish Case. 3.15
Weight Each About 2 Oz.

COUNTER CASE

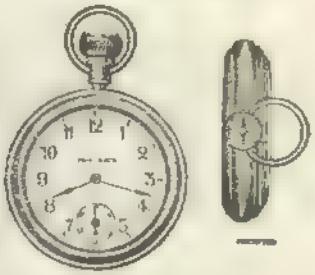
For Ingersoll Watches

Oxidized Copper Frame Work, Double Thick Plate Glass, Black Flock Covered Pad, Sparkling Yellow Lettering.

Each

No. 12—13 in. Long, 7½ in. High, 8½ in. Deep, Weight Each About 13 Lbs. . $2.25

PATHFINDER



Combination Watch and Compass.
Size 14, Open Face, Thin Model, German Silver Case, Arabic Dial, Red Minute Numeral, Pull Out Stem Set with Compass in Top of Watch Crown

Each

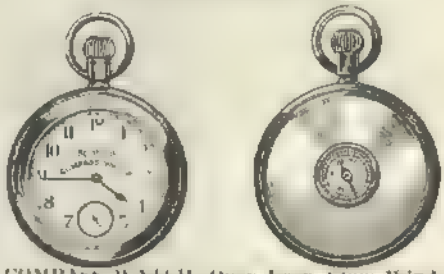
No. 5—Nickel Plated $1.65
Weight Each About 2 Oz.

CAPTAIN SCOUT

CAPTAIN SCOUT WATCH, Thin Model, Open Face, Stem Wind and Set, with Compass on Back. Each

No. 2 Nickel Plated Case $4.60
Weight Each About 2 Oz.
One in a Box

SCOUT'S COMPASS



SCOUT'S COMPASS WATCH, Open Face, Stem Wind and Set, with Compass on Back. Each

No. 1 Nickel Plated Case $2.10
Weight Each About 3 Oz.
One in a Box.

Leather Watch Fobs.

Per Dozen

No. 117—Rose Gold and Silver Oxidized Assorted Charms, Adjusted to a Black Genuine Leather Strap $1.80
Weight Per Dozen About 8 Oz.

Per Dozen

No. 1850—Fancy Arrow-Point Assorted Charms, All Rose Gold Finished Designs, Fitted with a Safety Clasp, Adjusted to Black Genuine Leather Strap $4.50
Weight Per Dozen About 12 Oz.

Mounted One-half Dozen on a Card

Harmonicas.

The Flyer. Per Dozen

No. 412—Richter Model 10 Holes, 10 Reeds, Nickel Plated Cover, Each in a Telescope Box, Weight Per Dozen About 1 Lb . . $0.90

One-half Dozen in a Box

My Hobby. Per Dozen

No. 063—"Horseshoe" Brand 10 Single Holes, 20 Reeds, Finely Nickel Plated Covers and Plates, Frame Finished in Two Colors, Each in a Telescope Box, Wt. Per Dozen About 1⅜ Lbs. $1 80

One-half Dozen in a Box.

Blue Ribbon. Per Dozen

No. 00—10 Single Holes, 20 Reeds, Very Responsive and Accurately Tuned, Brass Coated Plates and Nickel Plated Covers, Each in a Box, Weight Per Dozen About 1½ Lbs. $1.00

One-half Dozen in a Box.

M. Hohner's. Per Dozen

No. 348—10 Single Holes, 20 Reeds, Brass Plates and Nickel Covers, Used by All Leading Professional Players, Each in a Neat Hinged Box, Weight Per Dozen About 2 Lbs . . . $4.50

One-half Dozen in a Box

Genuine Richter. Per Dozen

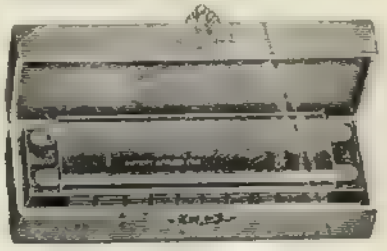
No. 32—10 Single Holes, 20 Reeds, Brass Plates Finely Nickel Plated, Open Back, Each in a Telescope Box, Weight Per Dozen About 2 Lbs $2 50

One-half Dozen in a Package.

Marine Band. Per Dozen

No. 1896—Richter Model, 10 Single Holes, 20 Reeds, Brass Plates Heavy Convex Brass Covers, Finely Nickel Plated, with Open Back Each in a Hinged Box, Weight Per Dozen About 2¼ Lbs . $3 15

One-half Dozen in a Box



Up-to-Date. Per Dozen

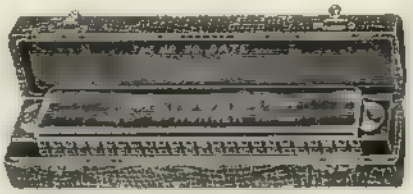
No. 1896½—10 Double Holes, 20 Reeds, Brass Plates, Brass Covers, Shaped Concert Size, Each in a Fine Silk Lined Leatherette Case with Lock, Gold Lettering, Weight Per Dozen About 4 Lbs. $8 90

One-half Dozen in a Box

Full Concert Harp. Per Dozen

No 30ND 10 Double Holes, 40 Reeds, Brass Plates, Brass Covers, Finely Nickel Plated, Each in Hinged Flexible Pasteboard Box, Weight Per Dozen About 2¾ Lbs. $9 65

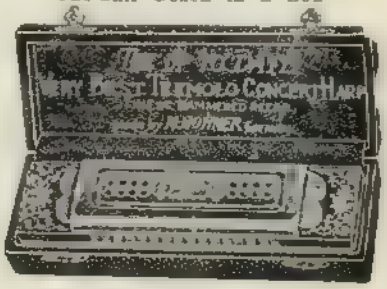
One-half Dozen in a Box.



Goliath. Per Dozen

No. 453 24 Double Holes, 48 Reeds, Brass Plates, Heavy Convex Nickel Plated Covers, Open Back, Tremolo Tuned, Each in Fine Silk Lined Case Made of Imitation Alligator Skin, Weight Per Dozen About 7⅝ Lbs. . $13.35

One-half Dozen in a Box.



Up-to-Date Tremolo. Per Dozen

No. 463½—32 Double Holes, 64 Reeds, Brass Plates, Nickel Covers, Fancy Silver Stamped Extension Ends, the Finest Grade Instrument that can be Produced, Each in Fine Silk Lined Leatherette Case with Gold Lettering, Weight Per Dozen About 8½ Lbs. $10.50

One-half Dozen in a Box

G.W. HUNTLEY & CO. CHICAGO

Fine Enameled Wood Mantel Clocks

1863 1916

Made by the Ingraham Clock Co.

All have patent regulators

PRICES EACH

DALLAS—$14.45

Fine black enameled wood case, mahogany finish cross bars, gilt trimmings. Eight-day, half hour strike, hours on cathedral gong half hours on cup bell 5-inch decorated dial. Convex glass. Height 11 inches. Length of base 20¼ inches.

No. S1356—$13.85

Fine black enameled wood, cathedral glass window effect, gilt trimmings, 5-inch dial with convex glass Eight day half hour strike hours on cathedral gong, half hours on cup bell Patent regulator Height 10 inches. Length of base 15 inches

HAMPDEN—$8.30

Fine black enameled wood. Fancy nickel columns. Green marbleized mouldings Gilt trimmings. Eight-day half-hour strike; hours on cathedral gong, half hours on cup bell 5-inch ivoroid dial with convex glass. Height 12¾ inches. Length of base 18¼ inches.

DESOTO—$14.45

Fine black enameled wood case. Imitation onyx columns. Mahogany finish. Silver and gilt inlaid panels. Gilt trimmings. Eight day strike; hours on cathedral gong, half hours on cup bell 5-inch decorated dial. Convex glass. Height 10½ inches. Length of base 20 inches

ARGAND—$11.35

Fine black enameled wood case. Copper columns. Bronze trimmings Eight day strikes hours on cathedral gong, half hours on cup bell 5 inch brass dial Convex glass Height 11¼ inches. Width 10¾ inches.

BIJOU—$8.95

Fine black enameled wood. Green metal columns. Green marbleized mouldings. Gilt trimmings Eight-day Half-hour strike, hours on cathedral gong, half hours on cup bell 5-inch dial Height 11 inches. Length of base 15 inches.

PEKIN—$11.35

Fine black enameled wood case. Green metal columns. Gilt trimmings. Eight day Strikes hour on cathedral gong half hours on cup bell 5-inch dial Rococco sash Convex glass Height 10½ inches Length of base 12¾ inches.

G.W. HUNTLEY & CO. CHICAGO

Fine Enameled Wood Mantel Clocks

1863 1915

Manufactured by The Ingraham Clock Co.

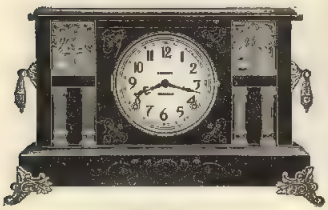
Prices Each

DAWSON—$13.10

Fine black enameled wood case, silver and gilt inlaid, mahogany finish panels, gilt trimmings, eight-day, strike hours on cathedral gong, half hours on cup bell, 5-inch decorated dial, convex glass, height 16⅛ inches, length of base 16⅛ inches.

ARLINGTON—$13.50

Fine black enameled wood case, copper columns, green marbleized mouldings, bronze trimmings, eight-day, strike hours on cathedral gong; half hours on cup bell, 5-inch ivoroid dial, convex glass, height 11¾ inches, length of base 18½ inches.



SIGMA—$13.10

Fine black enameled wood case, green metal columns, gilt trimmings, cathedral glass window effect panels, eight-day, strike hours on cathedral gong, half hours on cup bell, 5-inch ivoroid dial, convex glass, height 10¾ inches, length of base 16¾ inches.

REGAL—$13.70

Fine black enameled wood case, green marbleized columns and mouldings, gilt trimmings, eight-day, strike hours on cathedral gong, half hours on cup bell, 5-inch white dial, rococo sash, height 11 inches, length of base 17 inches.

MAJESTIC—$14.10

Fine black enameled wood case, imitation onyx columns, green marbleized mouldings, gilt trimmings, eight-day, strike hours on cathedral gong; half hours on cup bell, 5-inch white dial, rococo sash.

BAYONNE—$14.10

Fine black enameled wood case, green metal columns, green marbleized mouldings, gilt trimmings, eight-day, strike hours on cathedral gong, half hours on cup bell, 5-inch ivoroid dial, convex glass, height 10⅝ inches, length of base 18½ inches.

G.W. HUNTLEY & CO. CHICAGO

Fine Tambour and Cabinet Clocks

1863 1916

Manufactured by the Ingraham Clock Co.

PRICES EACH

ALEXIS—$12.75

Natural grain, rubbed mahogany finish case, eight day, half hour strike; hours on cathedral gong, half hours on cup bell, 5-inch dial, convex glass, height 10 inches, width 8¾ inches.

NOMAD—$16.25

Natural grain rubbed mahogany finish case, eight day, half hour strike; hours on cathedral gong, half hours on cup bell, 5-inch ivoroid dial, convex glass, height 10 inches, length of base 12¾ inches.

ALGIERS—$12.75

Natural grain, rubbed mahogany finish case, eight day, half hour strike; hours on cathedral gong, half hours on cup bell, 5-inch ivoroid dial, convex glass, height 10 inches, width 8¾ inches.

BERLIN—$11.60

Natural grain, rubbed mahogany finish case, eight-day, half hour strike; hours on cathedral gong; half hours on cup bell, 5-inch ivoroid dial, convex glass, height 12⅜ inches, width 9 inches.

GRINNELL—$16.25

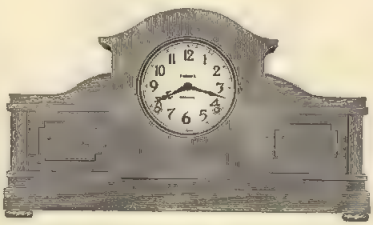
Natural grain rubbed mahogany finish case inlaid decorations, eight-day, half hour strike, hours on cathedral gong; half hours on cup bell 5 inch ivoroid dial, convex glass, height 10 inches, length of base 12 inches.

BELMONT—$11.60

Natural grain, rubbed mahogany finish case eight-day, half hour strike, hours on cathedral gong, half hours on cup bell, 5-inch ivoroid dial convex glass, height 12 inches, length of base 9 inches.

ESSEX—$15.00

Natural grain rubbed mahogany finish case, eight day, half hour strike, hours on cathedral gong, half hours on cup bell, 5-inch dial, convex glass, height 12⅝ inches, length of base 9½ inches.



LANDER—$17.45

Natural grain, rubbed mahogany finish case, inlaid decorations, eight-day, half hour strike, hours on cathedral gong; half hours on cup bell 5 inch ivoroid dial, convex glass, height 11 inches, length of base 13 inches.

AZTEC—$15.00

Natural grain, rubbed mahogany finish case, brass panels front, sides and dial; enameled figures, eight-day, half hour strike; hours on cathedral gong; half hours on cup bell, 6-inch dial, convex glass, height 11¼ inches, length of base 8½ inches.

G.W. HUNTLEY CHICAGO

Fine Tambour and Mahogany Clocks

1863 1816

Manufactured by the Ingraham Clock Co.

Prices Each

BURGUNDY—$12.10

Natural grain, rubbed mahogany finish case, eight-day, strike hours on cathedral gong; half hours on cup bell, 5-inch ivoroid dial, convex glass, height 10¾ inches, length of base 11 inches.

GENEVA—$16.25

Natural grain, rubbed mahogany finish case, inlaid decorations, eight day, strike hours on cathedral gong; half hours on cup bell, 5-inch ivoroid dial, convex glass, height 11 inches, length of base 19 inches.

ELMIRA—$15.00

Natural grain, rubbed mahogany finish case, eight-day, strike hours on cathedral gong; half hours on cup bell, 5-inch ivoroid dial, convex glass, height 12 inches, length of base 9 inches.

NYANZA

(Hanging clock)

Natural grain, rubbed mahogany finish case, mirror panel, brass trimmings, 8-inch dial with convex glass, height 29 inches, width 10 inches.

8-day time $30.85

8-day, gong strike 32.20

ELEGANT—$20.85

Solid mahogany case, eight-day, half hour strike on cathedral gong, 8-inch dial, scratched brass sash, convex glass, height 11 inches, length of base 15 inches.

ENTERPRISE—$20.85

Solid mahogany case, eight-day strike hour and half hour on cathedral gong, 8-inch dial, scratched brass sash, convex glass, height 11 inches, length of base 15 inches.

EMPIRE—$22.20

Solid mahogany case, eight-day, half hour strike on cathedral gong, 8 inch dial, scratched brass sash convex glass, height 12 inches, length of base 14 inches.

Pocket Knives.

PUSH BUTTON HUNTING

One Blade, Half Crocus Polished, Steel Lined, German Silver Bolster, Push Button Lock.

Per Dozen

No. 1000—4 in. Blade, Stag Handle, 5 in. Long.....$15.60

Weight Per Dozen About 4 Pounds.

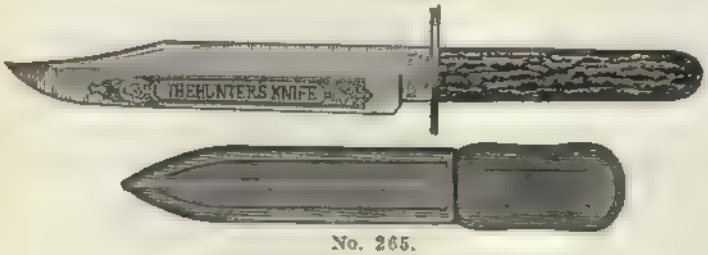
WESTERN DEER FOOT HUNTING

One Blade, Glazed Finish, Brass Lined, German Silver Bolster and Cap, German Silver Guard.

Per Dozen

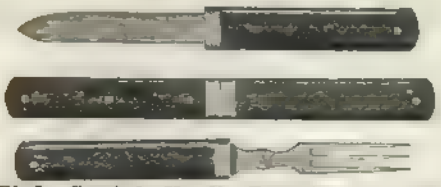
No. C1100—3⅝ in. Blade, Deer Foot Handle, 4⅝ in. Long.....$17 80

Weight Per Dozen About 4 Pounds



No. 265.

CAMPING KNIVES AND FORKS



Steel Blade, Cocobolo Handle, Brass Ferrule, Polished.

Per Dozen Sets

No. 67—3⅛ in. Blade, Length when Telescoped or Closed, 5 in.....$7.80

Weight Per Dozen About 5 Pounds

One-half Dozen Sets in a Box.

TOOL KNIVES

Five Tools, Comprising One Blade, Leather Punch, Swedging Awl, Wire Cutters, Pliers, Alligator Wrench, Hoof Hook Screw Driver and Gimlet, Brass Lined, German Silver Bolsters

Per Dozen

No. 700—Stag Handle, Length Over All when Closed 4 in.....$23 65

Weight Per Dozen About 4½ Pounds

One-half Dozen in a Box

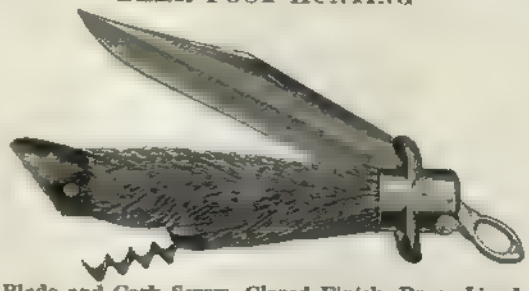
One Blade, Half Crocus Polished, Steel Lined, German Silver Bolster, Push Button Lock with Guard.

Per Dozen

No. 1005—4 in. Blade, Stag Handle, 4¾ in. Long....$17.80

Weight Per Dozen About 4 Pounds.

DEER FOOT HUNTING



One Blade and Cork Screw, Glazed Finish, Brass Lined, German Silver Bolster and Cap, German Silver Guard.

Per Dozen

No. 6923—4⅜ in. Blade, Deer Foot Handle 5¼ in. Long.....$38 00

Weight Per Dozen About 4½ Pounds

Cast Steel Blade, Glazed Finish, Nickel Silver Guard, with Leather Sheath.

No. 265—Stag Handle.

Length of Blade, Inches.....	5	6
Length of Handle, Inches.....	3⅝	3¾
Approx. Weight Per Dozen, Lbs.	4	4½
Per Dozen	$16.70	18.90

Per Dozen

Extra Leather Sheaths—For No. 265 Hunting Knives, Weight Per Dozen About 2 Lbs.....$3.90

VICTOR TOOL KITS

One Blade and 5 Tools, Made from Best Tool Steel, Steel Lined, German Silver Bolsters.

Per Dozen

No. 1808—Cocoa Handle, 3¾ in. Long.....$33 35

The Victor Tool Kit comprises the following: 3⅞ in. Saw, 3½ in. Reamer, 3¾ in. Screw Driver, 3⅞ in. Screw Driver, 3⅝ in. Chisel, One Blade Pocket Knife and Leather Case 4¼x3¼x1 in.

The Victor Tool Kit is a most ingenious and handy article It contains a complete set of Tools, which are made from the Best Tool Steel, each Hand Forged and Guaranteed, and especially adapted for household, mechanical and outing purposes.

Weight Per Dozen About 5½ Pounds.

One-twelfth Dozen in a Box.

SLOYD OR WOOD CARVERS' KNIVES

Finest Cutlery Steel Blade, Glazed Finish, Beechwood Handle, Brass Ferrule with Shoulder.

Per Dozen

No. 98—2½ in. Blade, Length Over All 5½ in.....$3 15

Weight Per Dozen About 3 Pounds.

One Dozen in a Box.

IVER JOHNSON

Last Call on Bicycles

After May 1st we can't tell what will happen.

We may be able to accept new orders and we may not. It looks now as if we would be through on that date.

The demand for Iver Johnsons is the biggest of our history and the supply of essential materials is uncertain.

Remember this: We will stop making bicycles before we will use inferior materials.

If you want to be sure of a great season on Iver Johnson Bicycles—order now—wire:

IVER JOHNSON'S ARMS & CYCLE WORKS
FITCHBURG, MASS.

FREE BOOK

Send for our big, 84-page book on Iver Johnson Bicycles, Motorcycles, Revolvers and Shot Guns in single and double barrels. This valuable book will tell you how to get full value in service and satisfaction. It is free.

Regular Model with Perfect Grip $37.00

HERE'S ONE YOU WANT!

THE MATCHLESS TIRE TOOL appeals instantly to motorists. Won't bend, won't break—strong enough to tip over a house.

THE CUT SHOWS THE PERFECT CONSTRUCTION

THE SEASON IS RIGHT AT HAND—SEND FOR OUR NEW CATALOG SHOWING MANY GOOD SPECIALTIES

THE BRIDGEPORT HARDWARE MFG. CORP.
BRIDGEPORT, CONN.

ONLY THE GENUINE

"PHILADELPHIA"

LAWN MOWER HAS

Style "A" All Steel
Practically Indestructible

VANADIUM CRUCIBLE STEEL BLADES

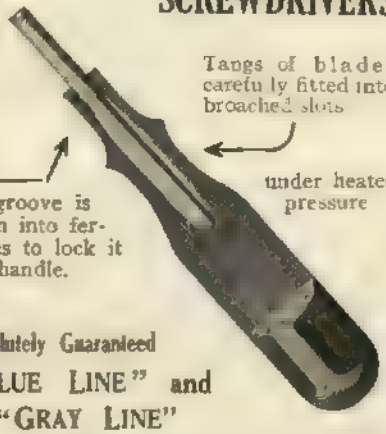
NEARLY A HALF CENTURY DOING ONE THING WELL

Used and endorsed by men who know because of the substantial construction and simplicity of operation which has kept GENUINE PHILADELPHIA [illegible] the standard [illegible] PHILADELPHIA ROLLER Bearings on styles 'K' "INDEPENDENCE" "OVERBROOK" Distinctly superior to OLD STYLE BALL BEARINGS

Case and Cage of Roller Bearing Made of Case Hardened Steel

THE PHILADELPHIA LAWN MOWER CO.
31st & Chestnut Sts. Philadelphia, Pa., U. S. A.

Hermetically Sealed and Positive-Locked
SCREWDRIVERS


Tangs of blades carefully fitted into broached slots
under heated pressure
A groove is spun into ferrules to lock it to handle.

Absolutely Guaranteed
"BLUE LINE" and "GRAY LINE"
SCREWDRIVERS
at Unusually Low Prices

New Screwdriver Book No. 3 Ready. Send for it

HARDING MANFG. CO., Mansfield, Mass.
Direct Sales Representatives
SURPLESS DUNN & CO., New York—Chicago

GARDEN HOSE
DIRECT FROM FACTORY

Why not buy your hose direct from the factory? We give you a selection of fifteen grades. We give you quality. We give you price. We will go as far as anyone to get your business—may be a little farther.

We manufacture a complete line of mechanical rubber goods, including belting and auto brake linings. Let us quote you on your requirements. We can't hurt you and perhaps we will do better for you than has ever been done before.

Write to us today.

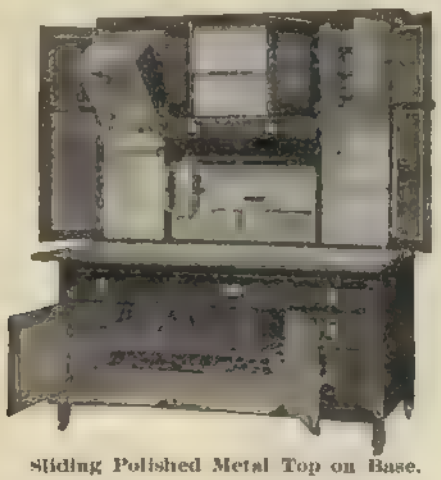
HARBELL ASBESTOS & RUBBER CO.
16-22 W. 61st St. New York

*KITCHEN CABINETS

"I-XL"

"I-XL" Kitchen Cabinets are well made of carefully selected lumber, every detail of these cabinets is the result of a system brought about by experience. They are finished with moisture-proof satin finish varnish; interior of drawers and inside of door varnished

Oak, Golden Oak Finish, Waxed, Nickel Plated Trimmings; White Enameled Interior Top Compartments; Drop Roll Curtain, 3-Ply Oak Panels in Ends and Doors.

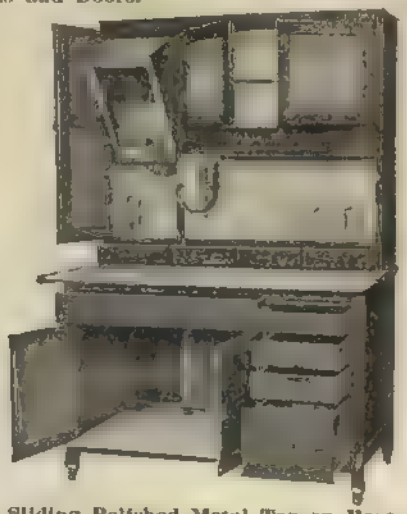


Sliding Polished Metal Top on Base. Each

No. 85-90—73 in. High, 56½ in. Wide, 28 in. Deep, Glass Jar Equipment, Metal Bread and Cake Drawer, Weight Each Crated 300 Lbs. **$51 25**

Sliding "Albairon" White Porcelain Top on Base.

No. 85-90A—73 in. High, 56½ in. Wide, 28 in. Deep, Glass Jar Equipment, Metal Bread Drawer, Weight Each Crated 300 Lbs. **$58 75**

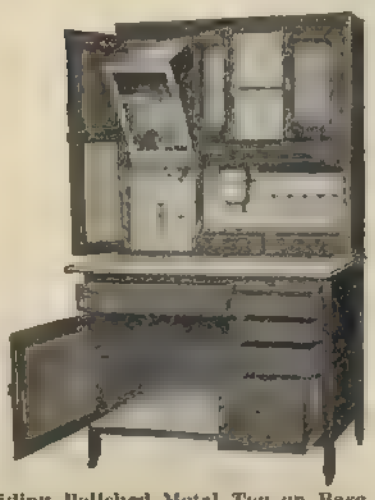


Sliding Polished Metal Top on Base. Each

No. 86-91—73 in. High, 48 in. Wide, 28 in. Deep Glass Jar Equipment, Metal Bread and Cake Drawer, Weight Each Crated 260 Lbs . . . **$44 75**

Sliding "Albairon" White Porcelain Top on Base.

No. 86-91A—73 in. High, 48 in. Wide, 28 in. Deep, Glass Jar Equipment, Metal Bread and Cake Drawer, Weight Each Crated 260 Lbs . . . **$51 25**

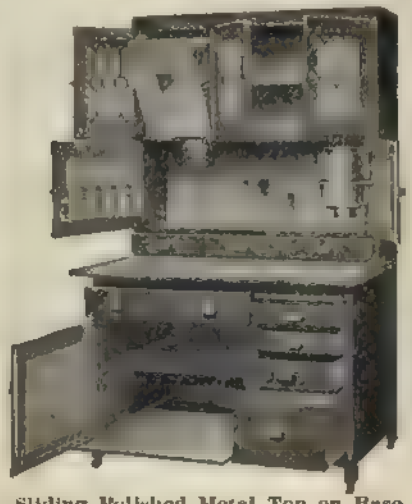


Sliding Polished Metal Top on Base. Each

No. 74-16—70 in. High, 40 in. Wide, 28 in. Deep, Glass Jar Equipment, Metal Bread and Cake Drawer, Weight Each Crated 230 Lbs. **$36 25**

Sliding "Albairon" White Porcelain Top on Base.

No. 74-16A—70 in. High, 40 in. Wide, 28 in. Deep, Glass Jar Equipment, Metal Bread and Cake Drawer, Weight Each Crated 230 Lbs. **$41.75**



Sliding Polished Metal Top on Base. Each

No. 71-16—70 in. High, 40 in. Wide, 28 in. Deep, Glass Jar Equipment, Metal Bread and Cake Drawer, Weight Each Crated 230 Lbs. **$35 75**

Sliding "Albairon" White Porcelain Top on Base.

No. 71-16A—70 in. High, 40 in. Wide, 28 in. Deep, Glass Jar Equipment, Metal Bread and Cake Drawer, Weight Each Crated 230 Lbs. **$41.25**

Sliding Polished Metal Top on Base. Each

No. 28-25—70 in. High, 40 in. Wide, 25 in. Deep, Glass Jar Equipment, Metal Bread and Cake Drawer, Weight Each Crated 200 Lbs. **$29 75**

Sliding "Albairon" White Porcelain Top on Base.

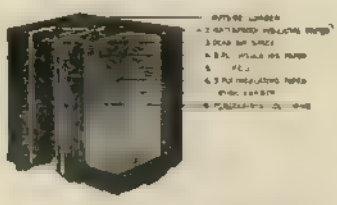
No. 28-25A—70 in. High, 40 in. Wide, 25 in. Deep, Glass Jar Equipment, Metal Bread and Cake Drawer, Weight Each Crated 200 Lbs. **$35.25**

***Not Carried in Stock; Sold Only for Shipment Direct from Factory.**

McKEE REFRIGERATORS

We carry a full line of McKee Refrigerators. For further information write us for special catalog illustrating and describing these Refrigerators.

No. 721.



Cut Shows Construction

Good insulation, such as is used in McKee Refrigerators, is obtained by building double walls, well protected by waterproof sheathing and hairfelt, and with a dead air space between them.

The dead air space prevents the passage of hot or cold air through the walls of the refrigerator, and the hairfelt, which is absolutely odorless and will not decay, offers additional resistance to changes of temperature.

The trap is one of the most important features of the refrigerator. Its function is to prevent warm air and odors as well as vermin, from rising into the refrigerator through the drain pipe.

The new McKee perfection trap is placed inside the provision chamber at the back, and consists of three parts, as shown in the cut. The parts fit into each other and shut off the passage of air completely, while allowing the waste water to drain off readily. The drain pipe fits into the top of the trap and the whole arrangement can be taken out and cleaned in a few seconds.

Cut Shows Tray.

In order to obtain good results from a refrigerator it is essential that there be constant circulation of air within. Such circulation is obtained in McKee refrigerators by properly arranging the ice rack and flues so as to take advantage of the fact that cold air is heavier than warm.

As soon as the air becomes warm it ascends through the flues till it comes in contact with the ice, then, cooled and purified, it again drops and passes into the provision chamber.

This circulation continues automatically as long as there is ice in the refrigerator and insures a low temperature and absence of moisture or odors.

The wire mesh shelves allow the air to circulate freely in all parts of the provision chamber.

ARLINGTON REFRIGERATORS

We carry a full line of Arlington Refrigerators. For further information write us for special catalog illustrating and describing these Refrigerators.

Arlington Refrigerators are fitted with heavy woven wire shelves. These shelves are coated with pure block tin, are rustless and sanitary, and afford a free circulation of air.

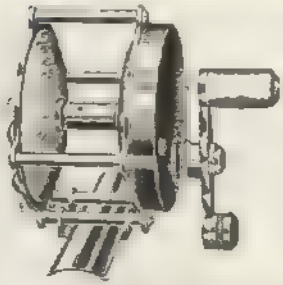
Insulation must be efficient to produce economical refrigeration. The walls of all Arlington Refrigerators have eight heat resisting surfaces, as follows, thereby cutting the ice consumption to a minimum.

1—Exterior Case.
2—Waterproof Sheathing
3—Dead Air Space.
4—Waterproof Sheathing.
5—Eel Grass
6—Waterproof Sheathing.
7—Interior Case.
8—Interior Lining.

The fundamental principle of the heavier, cold air displacing the warmer and lighter air is, of course, the only way in which to secure a circulation. In Arlington Refrigerators the ice is always as near the top of box as practicable and large flues are provided to permit an easy escape of the cold air from the ice chamber.

No. 102.

A good circulation of air throughout the interior is imperative. It means a dry refrigeraor which is quite as important as a cold one.

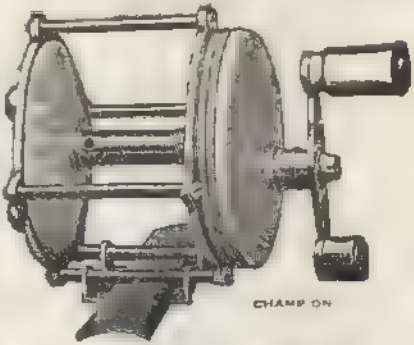


DOUBLE MULTIPLYING REELS

THE "PIPE" BRAND

Double multiplying metal click reel, finished [illegible] good, low priced, free running, strong reel that will give a good measure of service. Full nickel plated with black hard rubber handle and adjustable click.

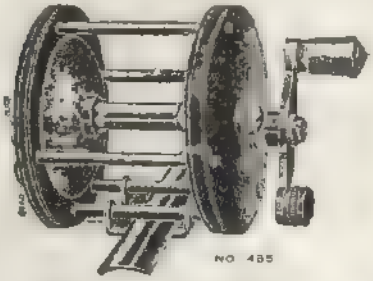
No.	462	463	464	465	466
Yards	40	60	80	100	150
Each	$ 60	$ 70	$ 80	$.90	$1 00



THE "CHAMPION"

Good quality double multiplier reel, nickel plated, balance handle, adjustable sliding click and drag, free running [illegible]. Has [illegible], very useful [illegible] of coup.

No. 392	[illegible]	$ 80
393.	[illegible]	90
394.	[illegible]	1 00
No. 395.	100 [illegible]	1 15
No. 393J.	[illegible]	1 15
No. 395J.	100 yards. [illegible]	1 40



THE "WATERWITCH"

Fine hard rubber and nickel plated [illegible] reel, with adjustable nickle, [illegible] click and drag and [illegible] coup. With reasonable [illegible] is suitable for all sort of general fishing.

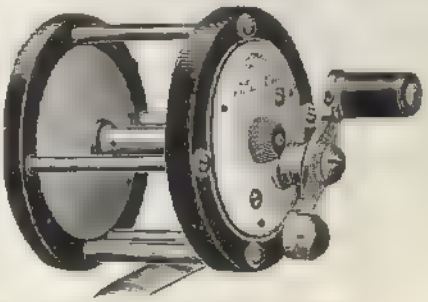
No.	483	484	485	486
Yards	60	80	100	[illegible]
Each	$1 50	$1 65	$1 85	$2 10

JULIUS VOM HOFE'S

Rubber and metal multiplying steel pivot reels. Back sliding click with [illegible] and rubber handle and [illegible]. Drum [illegible] and [illegible], being made with extra heavy gears.

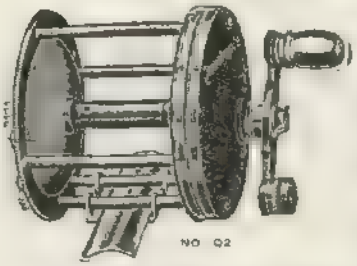
	Rubber and Nickel Plated		
No.	292	291	292 0
Yards	150	200	[illegible]
Each	$4 50	$5 00	$5 85

	Rubber and German Silver	
No. 301.	Spool holds 200 yards	56 80
No. 302 0	Spool holds 400 yards	8 10



Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

QUADRUPLE MULTIPLYING REELS


NO. Q2

THE "DEFIANCE"

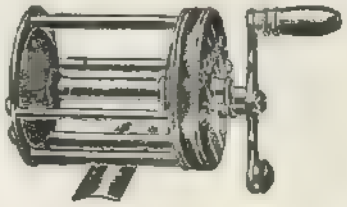
This reel is made with long spool, steel pinion, [illegible] and [illegible] and is [illegible] handle, multiplies four times. This reel is nicely finished and milled, nickel plated, with click. We can [illegible] it will give a good [illegible]

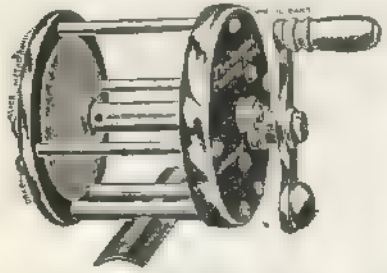
No. Q.....	Q2	Q3	Q4
Yards	40–60	60–80	80–100
Each. ..	$1 10	$1 25	$1 35

THE "ST. CLAIRE"

Screwed, balance handle with double [illegible] bearings [illegible] All [illegible] with click and drag, [illegible] This [illegible] is well and the entire reel is beautifully engraved or [illegible] Four multiplying

No. H2.	Plain, 40–60 [illegible]	$1 50
No. H3.	Plain, 60–80 yards	1 75
No. J2.	Jeweled, 40–60 [illegible]	2 00
No. J3.	Jeweled, 60–80 yards	2 25


NO. H2


NO. C33

THE "ACME" CASTING

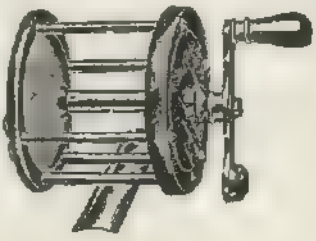
Hard rubber metal banded reel with fine bearings. This [illegible] made [illegible] quadruple reel, [illegible] pinions, [illegible] plate, adjustable click and drag, [illegible] handle. This reel throughout is [illegible] good [illegible]

No.	683	684	685
Yards	40	80	100
Plain, each	$2 25	$2 50	$2 75
No.	C33	C44	C55
Jewel spool	$2 75	$3 00	$3 25

THE "ELETE" CASTING REEL

Hard rubber side plates with metal [illegible] bands and metal [illegible] and spring of fine tempered [illegible] Adjustable click and drag. Finely [illegible] German silver. Long style spool. A fine, free running casting reel that will do as good work as many of the higher priced [illegible]

No. 103.	Will hold 60 yards.....	$2 50
No. 104.	Will hold 80 yards	3 00
No. 105.	Will hold 100 yards	3 50



Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

Miners' and Campers' Lamps.

JUSTRITE

With Lever Feed and Lighter Attachment. Per Dozen

No. 85—Matchless, Polished Brass, 2¼ in. Polished Brass Reflector, Seamless Brass Water Reservoir and Carbide Container, 16.7 Candle Power, Weight 5 Oz. **$20.00**

With Lever Feed and Lighter Attachment. Per Dozen

No. 100—Superintendents', Nickel Plated and Highly Polished, 2½ in Nickel Plated Reflector, Seamless Brass Water Reservoir and Carbide Container, Burns 3 Hours with One Filling, Folding Handle and Hook, Complete with Extra Carbide Container, Rubber Gasket, Felt Packing and Burner Tips, Weight 5 Oz. **$26.65**

One in a Box.

With Lever Feed and Lighter Attachment. Per Dozen

No. 95—Superintendents', Nickel Plated and Highly Polished, 3 in. Nickel Plated Reflector, Seamless Brass Water Reservoir and Carbide Container, Burns 5 Hours with One Filling, Folding Handles and Hook, Complete with Extra Carbide Container, Rubber Gaskets, Felt Packing and Burner, Weight 8 Oz. **$40 00**

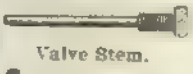
No matches required to light the Justrite. Cover the reflector with palm of the hand, hold few seconds, then draw hand downward quickly, rubbing over the steel wheel

Miners' and Campers' Lamp Repair Outfits.

Felt

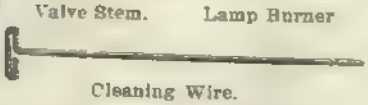
Felt Holder

Rubber Gasket.



Valve Stem.

Lamp Burner



Cleaning Wire.

Outfit No. 2—Contains the Following: 6 Dozen Rubber Gaskets, 3 Dozen Felt Packing, 6 Dozen Burner Tips, 1 Dozen Cleaning Wires, 1 Dozen Felt Holders, and ½ Dozen Valve Stems, Complete in Partitioned Display Box . . . . . **Each $7 80**

Reflectors.

MATCHLESS

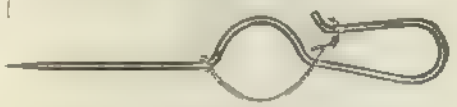
With Lighting Attachment. Per Dozen

No. 26—2½ in. Polished Brass, for Nos 85, 100 and 95 Justrite Lamps . **$4.50**

Lights the gas with a rub of the hand Is held firmly around Tip Holder of Lamp by Tightening Screw in Collar

No. 26.

Miners' Candlesticks.



Per Dozen

No. 80—⅛ in. Steel Wire, Copper Plated, Round Point, Sharpened and Hardened **$2.70**

Head Lamps.

COLUMBIA

Each

No. 1—Gun Metal Finish Headlight, Powerful Parabolic Reflector, 2⅝ in. Diameter Face, Weight 6 Oz., Gun Metal Brass Generator, 5½ in. Long, 2 in Diameter, Weight 16 Oz., Carbide Capacity Enough to Run Lamp 5½ Hours Complete with Strap and Tubing, without Belt. . . **$7 80**

SAMBO

Per Dozen

No. 5—For Coal Oil, Complete. **$12 25**

This Lamp is especially adapted for the use of hunters and fishermen. The hood reflector, with mirror back, throws a very strong light that penetrates to a great distance making the Sambo Head Lamp invaluable for coon and deer hunting and for night fishing and spearing Uses a regular coal oil lamp burner, with flat wick

Head Lamps.

JUSTRITE

With Lighting Attachment, without Cap.

Each

No. 44—Seamless Drawn Brass Water Reservoir and Carbide Container, Generator is Strapped Around Waist, Burns 10 Hours with One Filling, Weight Each 2 Lbs **$5.60**

One in a Box

AXES

KELLY REGISTERED

Soft steel body, highest grade crucible steel bit, gas tempered, ground and honed ready for use. Each axe is registered.

SINGLE BIT

Michigan Pattern.
Black Finished and Labeled.
Assorted Weights.

			Per Dozen
3	to 3½	Lbs., Weight Per Dozen 45 Lbs.	$
3¼	to 3⅝	Lbs., Weight Per Dozen 48 Lbs	
3¼	to 3¾	Lbs., Weight Per Dozen 48 Lbs	
3½	to 4	Lbs., Weight Per Dozen 51 Lbs	

One Dozen in a Box.

DOUBLE BIT

Adirondack Pattern.
Black Finished and Labeled.
Assorted Weights.

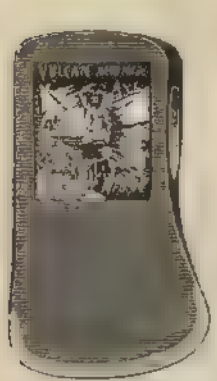
			Per Dozen
3	to 3⅛	Lbs., Weight Per Dozen 45 Lbs.	$
3⅛	to 3⅓	Lbs., Weight Per Dozen 48 Lbs.	
3¼	to 3¾	Lbs., Weight Per Dozen 48 Lbs.	
3½	to 4	Lbs., Weight Per Dozen 51 Lbs.	

One Dozen in a Box.

VULCAN HAND MADE

Soft steel Body, Highest grade crucible steel bit, hand hammered natural gas tempered and forged, natural black finish, ground and honed ready for use.

SINGLE BIT



Michigan Pattern. **Connecticut Pattern.**
Michigan or Connecticut Pattern.
Natural Black Finish, Labeled.
Assorted Weights.

			Per Dozen
3	to 3½	Lbs., Weight Per Dozen 45 Lbs.	$
3¼	to 3⅜	Lbs., Weight Per Dozen 48 Lbs.	
3¼	to 3¾	Lbs., Weight Per Dozen 48 Lbs.	
3½	to 4	Lbs., Weight Per Dozen 51 Lbs.	

One Dozen in a Box.

DOUBLE BIT

Adirondack Pattern.
Natural Black Finish, Labeled.
Assorted Weights.

			Per Dozen
3	to 3⅛	Lbs., Weight Per Dozen 45 Lbs	$
3⅛	to 3⅓	Lbs., Weight Per Dozen 48 Lbs	
3¼	to 3¾	Lbs., Weight Per Dozen 48 Lbs.	
3½	to 4	Lbs., Weight Per Dozen 51 Lbs.	

One Dozen in a Box

Weights Per Dozen is Shipping Weight.

AXES

KNOT KLIPPER

Made from the best selected material by Mann Edge Tool Co., carefully tempered to hold a keen cutting edge, carefully finished, ground and honed ready for use.

SINGLE BIT

Connecticut Pattern.
Special Natural Finish.

Assorted Weights.			Per Dozen
3	to 3½ Lbs.,	Weight Per Dozen 45 Lbs.	$
3¼	to 3½ Lbs.,	Weight Per Dozen 48 Lbs.	
3¼	to 3¾ Lbs.,	Weight Per Dozen 48 Lbs.	
3½	to 4 Lbs.,	Weight Per Dozen 51 Lbs.	

One Dozen in a Box.

DOUBLE BIT

Michigan Pattern.
Special Natural Finish.

Assorted Weights.			Per Dozen
3	to 3½ Lbs.,	Weight Per Dozen 45 Lbs.	$
3¼	to 3½ Lbs.,	Weight Per Dozen 48 Lbs.	
3¼	to 3¾ Lbs.,	Weight Per Dozen 48 Lbs	
3½	to 4 Lbs.,	Weight Per Dozen 51 Lbs	

One Dozen in a Box

SUPERIOR

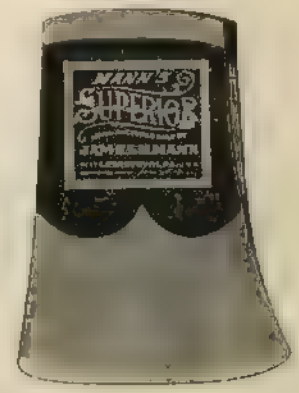
SINGLE BIT

Delaware Pattern.

Assorted Weights.			Per Dozen
3	to 3½ Lbs.,	Weight Per Dozen 45 Lbs.	$
3¼	to 3½ Lbs.,	Weight Per Dozen 48 Lbs.	
3¼	to 3¾ Lbs.,	Weight Per Dozen 48 Lbs.	
3½	to 4 Lbs.,	Weight Per Dozen 51 Lbs.	

One Dozen in a Box.

SINGLE BIT



Connecticut Pattern.

Assorted Weights.			Per Dozen
3	to 3½ Lbs.,	Weight Per Dozen 45 Lbs.	$
3¼	to 3½ Lbs.,	Weight Per Dozen 48 Lbs.	
3¼	to 3¾ Lbs.,	Weight Per Dozen 48 Lbs.	
3½	to 4 Lbs.,	Weight Per Dozen 51 Lbs	

One Dozen in a Box.

HANDLED AXES

SUPERIOR

Connecticut Pattern.

Carefully Handled, with 36 in. Selected Hickory Handle.

Assorted Weights, Lbs	3 to 4	3½ to 4	3½ to 4½	4 to 5	4½ to 6
Per Dozen	$				

Weight Per Dozen is Shipping Weight.

KEROSENE OIL STOVES

"OPTIMUS" OIL STOVE

It is wickless and converts oil, rapidly, into gas, which burns with a transparent blue flame and intense heat. There is no smell, no smoke and no deposit of soot upon the cooking utensils. A single charge of one quart will burn at full flame five hours and a quart of water will boil in three minutes. The height is 8 inches over all and the top or grate 8 inches.

No. **10.** 2½ in Burner, weight 3 lbs.. .... **$4 00**

"TRAVELING-OPTIMUS" STOVE

Constructed so that it can be taken apart. The oil tank is fitted with a hermetical stopper and a place is provided for carrying an extra supply of kerosene.

No. **1T.** In steel box 8¾x8¼x4½ inches; weight complete about 4½ lbs **$6 00**

THE "HANDY" ALCOHOL STOVE

This little cooker, which can be carried in a hand bag, is very convenient for home or camp use or when traveling. It burns solidified alcohol, so there is no danger of leaking fuel or disagreeable smoke or smell. To ignite simply remove cover and light with match and to extinguish replace the cover.

No. **HH.** Cooker with solidified alcohol and tin cooking pot 5x3½ inches, fitted with folding handles, weight 16 ounces. (Delivered, 10c. extra). **$ 25**

No. **H3.** Extra solidified alcohol, not delivered **10**

"ALCOLITE" ALCOHOL STOVES

This burner produces an intensely hot blue flame. It is noiseless in operation, very economical and can be easily lighted. It can be regulated perfectly, is odorless and sootless. It burns natural alcohol gas with a mixture of air, thereby producing a perfect combustion. The invisible wick is so constructed that it does not require renewing. Will burn three hours without refilling. Nickel plated finish.

No. **58.** Diameter at top, 6½ inches; weight 2½ lbs . **$2 75**

DOUBLE BURNER ALCOHOL STOVE

This is an ideal stove for canoeing, yachting and all outdoor or indoor use. The base and legs are galvanized iron which will not rust. The guard rail is brass, also the alcohol tank. The height of stove is 5 inches and the extreme height 11 inches with reservoir holding two quarts. Fitted with two burners.

No. **73G.** Size 20x10½ in. Without Rail **$8.25** No. **735G.** With Rail **$10.00**

ALPHA" ALCOHOL STOVE

A practical little alcohol gas stove that is easy to operate, and burns only 2c worth of denatured alcohol an hour. The diameter of frame, which is japanned black, is 5 inches. Capacity of tank is 5 ounces. Tank and connections are brass. It is handy to carry and moderate in price and thoroughly satisfactory for home or camp use.

No. **N1.** Weight 2 lbs..... **$1 00**

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

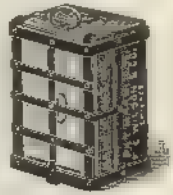
STOVES AND HEATERS

TENT HEATER OR POT STOVE

Made of sheet steel, with ash, supplied with four lengths of two feet each telescopic pipe and adjustable damper. It is eleven inches in diameter, eleven inches high, and our cooking outfits may be packed inside. They are made tight and will hold fire all night. While primarily intended as a tent heater they can be used as a one-hole cooking stove.

No. 11. Weight 10½ pounds. Size 11x11 inches ... $2 65
No. 11B. Canvas bag for stove... ... 75

THE WILSON KAMP KOOK'S KIT



When packed the outer measure only 14½x10½x8 inches. The iron fire jack takes the place of a stove, the fire being built underneath. When packed, this jacket serves as a protection for the outfit and is fitted with a hasp for use with padlock.

Wrought iron fire jack, with hasp, eight quart tinned pail, five-quart boiler, tin cover; combined frying and baking pan, adjustable handle, three-quart coffee pot; folding wire broiler and toaster, reversible griddles, cake turner and basting spoon, three fish forks and can opener; pot cleaner and cash for match box, flour dredge, salt and pepper boxes, candle lantern, frame for No. 2 crimped chimney. Tableware (33 pieces) consists of six each steel knives and forks, six teaspoons and two tablespoons, six cups and six tin plates, one butcher knife in leather case.

No. 25. Cooking kit and tableware together, 54 pieces, weight about 20 lbs. $6.75

HANLON STOVE PIPE RING AND VENTILATOR

The application of this device to a tent is illustrated on page 28. It may be placed in position by simply ripping a seam at any desired position, and as easily sewed up, thus affording ventilation of the tent. It may be used as a ventilator or wind wheel by covering the hole with a piece of screen or cheese cloth or glass may be placed between the plates. Weight 16 ounces.

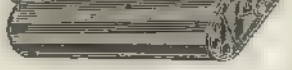
No. 66. With 5 or 6 inch opening $ .75 Attached $1 00

ASBESTOS PIPE SHIELD

On page 29 we illustrate this stove pipe hole or guard applied to a tent. It consists of a circular piece of fireproof asbestos, grooved so as to receive the edges of the canvas at opening cut for this purpose. It is used even in the most severe wind storm and being flexible will roll up nicely with the tent.

No. 10. Shield separate $2 00 Attached to tent with flap). $3 00

FOOT WARMER



For use in duck blinds, in boats and automobiles and other places where an ordinary fire is impractical. This heater gives a continuous heat for 15 hours from one brick of chemically prepared coal and without flame, smoke, odor or gas. The coal brick is ignited and placed in the drawer of heater and the fire may be extinguished by closing the dampers. Style No. 7B is packed with a compartment which retains the heat longer than the cheaper style, and is also self-ventilating. Covered with carpet, polished brass ends.

No. OB. Length 14 inch $1 75 No. 7B. Length 20-inch..... $3 75
No. B. Box of 12 Bricks ..... .75

KEROSENE OIL STOVES

"OPTIMUS" OIL STOVE

It is wickless and converts oil, rapidly, into gas, which burns with a transparent blue flame and intense heat. There is no smell, no smoke and no deposit of soot upon the cooking utensils. A single charge of one quart will burn at full flame five hours and a quart of water will boil in three minutes. The height is 8 inches over all and the top or grate 8 inches.

No. **10.** 2½ in. Burner, weight 3 lbs..... **$4.00**

"TRAVELING-OPTIMUS" STOVE

Constructed so that it can be taken apart. The oil tank is fitted with a hermetical stopper and a place is provided for carrying an extra supply of kerosene.

No. **1T.** In steel box 8¾x8¼x4½ inches; weight complete about 4¼ lbs..... **$6.00**

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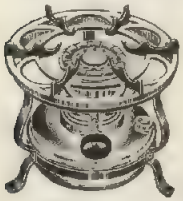
This little cooker, which can be carried in a hand bag, in very convenient for home or camp use or when traveling. It burns solidified alcohol, so there is no danger of leaking fuel or disagreeable smoke or smell. To ignite simply remove cover and light with match and to extinguish replace the cover.

No. **HH.** Cooker with solidified alcohol and tin cooking pot, 5x3½ inches, fitted with folding handles; weight 16 ounces. (Delivered, 10c. extra)..... **$ .25**

No. **H3.** Extra solidified alcohol, not delivered. **.10**



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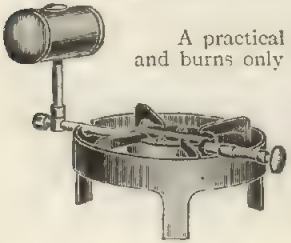
No. **58.** Diameter at top, 6½ inches; weight 2¼ lbs.. **$2.75**

DOUBLE BURNER ALCOHOL STOVE

This is an ideal stove for camping, yachting and all outdoor or indoor use. The base and legs are galvanized iron which will not rust. The guard rail is brass, also the alcohol tank. The height of stove is 5 inches and the extreme height 11 inches with reservoir holding two quarts. Fitted with two burners.

No. **73G.** Size 20x10½ in. Without Rail **$8.25** No. **735G.** With Rail..**$10.00**



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A practical little alcohol-gas stove that is easy to operate, and burns only 2c. worth of denatured alcohol an hour. The diameter of frame, which is japanned black, is 5 inches. Capacity of tank is 5 ounces. Tank and connections are brass. It is handy to carry and moderate in price and thoroughly satisfactory for home or camp use.

No. **N1.** Weight 2 lbs..... **$1.00**

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

STOVES AND HEATERS

TENT HEATER OR POT STOVE

Made of sheet steel, with lid, supplied with four lengths of two feet each telescopic pipe and adjustable damper. It is eleven inches in diameter, eleven inches high, and our cooking outfits may be packed inside. They are made tight and will hold fire all night. While primarily intended as a tent heater they can be used as a one-hole cooking stove.

No. **11.** Weight 10½ pounds. Size 11x11 inches..... **$2.65**
No. **11B.** Canvas bag for stove..... .**75**

THE WILSON KAMP KOOK'S KIT

When packed this kit measures only 14½x10½x8 inches. The iron fire jack takes the place of a stove, the fire being built underneath. When packed, this jack acts as a protection for the outfit and is fitted with a hasp for use with padlock.

Wrought iron fire jack, with hasp, eight quart dish pan; five-quart boiler, tin cover; combined frying and baking pan; adjustable handle; three-quart coffee pot; folding wire broiler and toaster; retinned ladles, cake turner and basting spoon; three flesh forks and can opener; pot cleaner and dish towel; match box, flour dredge, salt and pepper boxes, candle lantern, frame for No. 2 crimped chimney. Tableware (33 pieces) consists of six each steel knives and forks; six teaspoons and two tablespoons; six cups and six tin plates; one butcher knife in leather case.

No. **25.** Cooking kit and tableware together, 54 pieces, weight about 20 lbs. **$6.75**

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The application of this device to a tent is illustrated on page 28. It may be placed in position by simply ripping a seam at any desired position, and as easily sewed up, thus avoiding mutilation of the tent. It may be used as a ventilator or window by covering the hole with a piece of screen or cheese cloth or glass may be placed between the plates. Weight 16 ounces.

No. **56.** With 5 or 6-inch opening..... **$ .75** Attached . . . **$1.00**

ASBESTOS PIPE SHIELD

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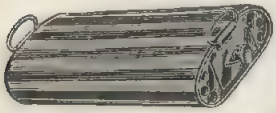
No. **10.** Shield separate..**$2.00** Attached to tent (with flap)..**$3.00**

FOOT WARMER

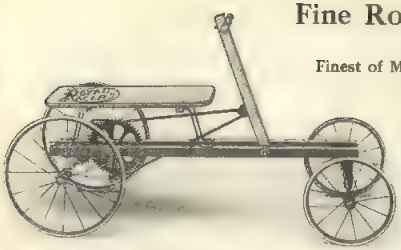


For use in duck blinds, in boats and automobiles and other places where an ordinary fire is impractical. This heater gives a continuous heat for 15 hours from one brick of chemically prepared coal and without flame, smoke, odor or gas. The coal brick is ignited and placed in the drawer of heater and the fire may be extinguished by closing the dampers. Style No. 7B is packed with a composition which retains the heat longer than the cheaper style, and is also self-ventilating. Covered with carpet, polished brass ends.

No. **OB.** Length 14 inch..... **$1.75** No. **7B.** Length 20-inch..... **$3.75**
No. **B.** Box of 12 Bricks..... .**75**

Fine Royal Racers, Autos, Wagons and Speedway Cars

Finest of Material, Workmanship and Finish



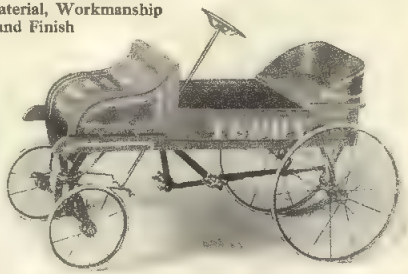
ROYAL RACERS

The "Royal Racer" is a car built on humane principles—as a source of amusement and invigorating exercise for the boy or girl. You can wear out the energy of the boy by overtaxing his strength on many of the cheap hand cars offered as "just as good" but less in price. Royal Racers are built on correct principles—have no dead center, and length of stroke is controlled by operator—no jerky crank motion to drag the life out of the boy—but an even propelling on both forward and back stroke of the handle. It surpasses anything of its kind on the market. It gives the boy an exercise that he finds pleasure in, and it proves an invigorating muscle builder. Guaranteed to the dealer to be perfect in operation and to give greater speed with less effort than any other hand propelled car

No. 12 20-inch frame, with 10-inch and 14-inch diameter by ½-inch rubber tire wheels.....each $13.25

No. 22 36-inch frame, with 10-inch and 14-inch diameter by ½-inch rubber tire wheels.....each 13.85

Packed K. D. one per crate. Shipping weight 35 lbs.



VENDY

Frame 13½-inch by 33-inch, pressed steel body and hood, finished in auto red, striped and ornamented in blue or orange 8 inch front and 14-inch rear wheels

With 25/64-inch rubber tires.....each $14.20

With ⅝-inch rubber tires.....each 15.10

VICTOR

Frame 14½-inch by 38-inch, pressed steel body, beaded panel, finished in auto red or Brewster green, striped and ornamented, 10-inch front and 16-inch rear wheels.

With 25/64-inch rubber tires.....each $16.00

With ⅝-inch rubber tires.....each 16.90

ARIEL

Wood body and frame, pressed steel hood, beaded, elegantly finished in auto red or deep green, with orange or blue striping

Size 02 13¾-inch by 3-inch frame, 10-inch and 16-inch by ½-inch rubber tire wheels.....each $12.65

Size 22 14½ inch by 38-inch frame, 12 inch and 18-inch by ½-inch rubber tire wheels.....each 21.30

Horns and lamps extra

SPEEDWAY CAR AND COASTER—$16.50

No "Dead" Center

Greatest, newest, fastest and most durable car and coaster ever produced. Boys and girls can operate it with safety, fast or slow, up to eight miles per hour. Construction is a model of simplicity, strength and safety. Nickel plated steering wheel, 12-inch rubber tired wire wheels. Ball-bearing clutch. Weight 35 pounds.

F. O. B. our Chicago Factory

HIGH GRADE EXPRESS WAGONS

"Paragon" Special High Grade Steel Express Wagons are models of all the better and well considered points that make up a well constructed and attractive vehicle. They are strongly and substantially built, yet with the fine lines and finish that make them distinctive over most other makes. Body of pressed steel, beaded and top edge rolled over solid steel rod. Hardwood bottoms with four cleats. Pressed steel bolster reinforced, ½-inch axles and extra heavy wheels with our patented continuous spoke and heavy hub. Solid brass hub nuts. Gear and wheels finished in black baked enamel. Body vermillion gloss outside—gold stenciled; green inside. Natural finish tongue with loop handle.

		Price, per dozen	Steel tire	⅛ rub tire
No. 02	12x24-in. body, wheels 8-in. front, 12-in. rear	$43.40	$67.35
No. 12	12x26-in. body, wheels 10-in. front, 12-in. rear	50.05	76.70
No. 22	14x28 in. body, wheels 11-in. front, 14-in. rear	55.55	83.00
No. 32	13x30-in. body, wheels 12-in. front, 15-in. rear	60.00	103.30
No. 42	16x32-in. body, wheels 12-in. front, 16-in. rear	65.25	113.55
No 52	18x36-in. body, wheels 14-in. front, 18-in. rear	95.00	148.40

Packed 2 per carton in special fibre board case, waterproof, dust-proof and damage proof, a convenient package for the dealer, ensuring safe delivery of contents. No 52 packed one per carton, Nos 2 to 42 inclusive, $1.70 per dozen, extra for packing one per carton.

F. O. B. OUR PENNSYLVANIA FACTORY

G.W. HUNTLEY © CHICAGO

High Grade Velocipedes and Horsemobiles

The Most Appreciated Toy for the Children. Prices Each.

1863 1916

"EXCELSIOR" BALL BEARING VELOCIPEDE

Frame—Made of highest grade standard ⅞-inch bicycle tubing.
Handle Bars—Nickel plated, tubular, adjustable. Made of ⅞-inch tubing.
Wheels—Finest grade Vienna wire, nickel plated, sledged spokes; improved ball bearing throughout.
Tires—Finest quality 1-inch cushion rubber.
Seat—Juvenile bicycle saddle with springs.
Pedals—Nickel plated Juvenile bicycle pedals.
Finish—Highest quality baked enamel, rubbed and varnished. Carmine color with gold stripes.

Made in three sizes as follows

No. 12	16-inch front, 10-inch rear wheels. . .	each $26.60
No. 22	20-inch front, 14-inch rear wheels	each 32.90
No. 32	24-inch front, 16-inch rear wheels	each 39.10

Shipped F. O. B. Chicago.

STANDARD VELOCIPEDES

Our Velocipedes are built from carefully studied designs and by skilled mechanics who have produced models designed for propelling with the least exertion and greatest comfort of the rider. Our frames are all made from specially rolled, corrugated steel or special carbon, giving less weight and greater strength than the standard oval solid bar. Heads are made of pressed steel and special extension handle bars are electrically welded, making a one-piece bar. All frames are enameled in fine black baking enamel, x c plated wheels, adjustable seat post and leather Velocipede saddle; ½-inch tires on front wheels, ⅝-inch tires on rear wheels. Shipping weight, from 15 to 35 lbs.

		Steel Tires	Rubber Tires
No. 02	14-inch and 10-inch wheels.....each	$4.50	$7.80
No. 12	16-inch and 12 inch wheels.... each	4.65	8.15
No. 22	20-inch and 14-inch wheels.....each	5.55	9.00
No. 32	24-inch and 16-inch wheels.....each	6.40	9.85

Shipped F. O. B. our Pennsylvania Factory.

THE HORSEMOBILE

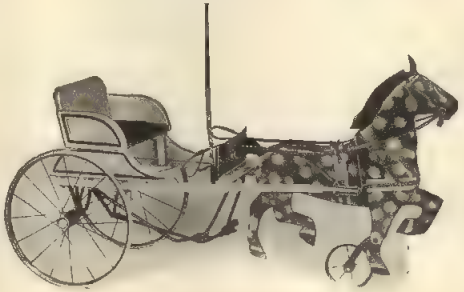
"Drives just like a real live pony"

No. 262 PRINCE $13.85

The neatest, lightest and simplest Velocipede Horse yet made. Fourteen-inch front wheels and 8 inch hind wheels. Best rubber tires. Horse is made hollow, of heavy three-ply laminated wood, and unbreakable. Perfect and strong. Invisible joint at rear of front legs and in front of saddle. Hair mane and tail; leather ears and glass eyes. Saddle and bridle substantially made and in beautiful effect. Handle bars at side of horse's neck. Finely enameled. A thoroughly made vehicle in every respect, with the exact points and control of a perfect velocipede, with the additional attraction of a figured mounting. Crated singly, K. D. Weight, 22 lbs. Height, 26 inches. Length, 30 inches.

Horsemobiles are enjoyed by boys and girls alike.

Shipped F. O. B. our Iowa Factory.



THE HORSEMOBILE

"Drives just like a real live pony"

No. 152 BONNY BOY, as illustrated. For children 4 to 8 years old... .....$22.00

A handsome turnout. Horse is flexible, so that head turns with the guiding rein. Unbreakable (laminated) horse in cart. HORSE made in swell high stepping style, enameled in dapple gray, glass eyes, best hair mane and tail, leather ears. HARNESS strong webbing and leatherette ornamented in brass. CART has fine shaped body, bent thills, steel dash and whip socket, seat padded with corduroy. GEAR especially made for this vehicle, enameled black. WHEELS, best ⅝ inch rubber tired, tandem spokes, 6 inches and 16 inches high. Entire height, 25 inches; length, 48 inches. Shipping weight, 48 lbs. Packed one in a crate. Painted bright red or deep blue.

A whip furnished free with this outfit.

No. 102 "FAN AND NAN." For children 3 to 7 years old..... $15.00

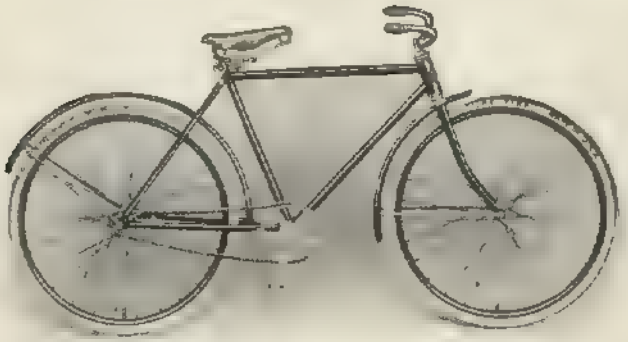
Unbreakable (laminated) team and sulky. Horses are flexible so that heads turn with the guiding rein. This turnout is as handsome as a picture and children love it. HORSES are enameled in dapple gray, glass eyes. Hair tail, leather ears. HARNESS is of strong russet colored webbing, brass ornaments. SULKY is painted bright red and ornamented. GEAR enameled black. WHEELS best rubber tired, 6 and 14 inches high. Entire height of vehicle, 21 inches; entire length, 28 inches. Weight, crated, 35 lbs. Packed one in crate.

No. 82 "MIDGET." For children 3 to 6 years old.....$10.40

Unbreakable (laminated) horse in sulky. Horse is flexible so that head turns with the guiding rein. This vehicle is practical and serviceable for indoors and outdoors. HORSE is enameled in dapple gray, glass eyes, handsome style. Hair tail, leather ears. HARNESS is of strong webbing. SULKY painted bright red and ornamented. GEAR enameled black. WHEELS, 8-inch and 12-inch best rubber tire. Size, entire height, 21 in.; length, 36 in. Weight, crated, 35 lbs. Packed one in crate.

Shipped F. O. B. our Iowa Factory.

"KIM" JUVENILE BICYCLES



The "Kim" Juvenile represents the best and most economical investment in a bicycle for a boy or girl. Long experience has taught us that the strength and weight should be in great proportion to that on an adult's model and the parts of "Kim" Bicycles are to theirs rugged and durable, combined with lightness in weight and a mechanism that insures smooth easy-running action.

These models present a remarkably trim appearance, all the fittings being in exact proportion to size of frame. The finish is unusually fine. The frames are enameled in dark brown with rims and mud guards to match and with "floral" gold bands the effect is very pleasing. They cost but a trifle more than ordinary wheels, but the cutting out is and good looks are worth much more. All "Kim" wheels are fully guaranteed for the calendar year and with reasonable care should last for many seasons.

The equipment is particularly desirable, and correct in style and measurements for juvenile bicycles. The Suspension Spring Saddle is attractive in appearance, easy riding and very durable. The handlebars are adjustable and shaped correctly for comfortable riding. A tool bag with wrench and oil can is furnished with each machine. The "Kim" tires carry our full guarantee.

PRICES AND SIZES

In ordering, simply specify the number and style of boys' or girls' model as wanted. To ascertain the size wanted, measure the child from center to bottom of heel and add at outside inch for extension caused by bending at ankle. We would recommend for a growing child the purchase of a wheel fully large enough.

No. **20.**	20-in. wheels; 22½ inches from top of saddle to lower pedal.	**$18 00**
No. **24.**	24-in. wheels; 25½ inches from top of saddle to lower pedal.	**19 00**
No. **26.**	26-in. wheels; 28½ inches from top of saddle to lower pedal.	**20 00**

EXTRAS

Coaster brake, attached at an extra cost of			**$5 00**
Hand brakes, extra	**$1 00**	"Kim" Juvenile tires, per pair	**3 75**

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

Kohlmann Player Pianos

The Most Wonderful Invention of the Twentieth Century

After a most careful study and examination of the many [illegible] we have chosen the Kohlmann Player Piano as one that is worthy and fitted to bring out the musical excellence. It is a perfected piece of mechanism that is beyond criticism of the most gifted player. We present a standard player of the most approved type at the price of an ordinary piano.

The Kohlmann Player attachment consists of the [illegible] Music Rolls are a part of the Vocalion System—a [illegible] placed behind the Fall Board above the Key Board.

These three principals work in conjunction with the piano-action by [illegible] parts that have been worked out and improved to a very [illegible] to produce the tempo lever and rewind levers are also invisible when not in use. They enable the user, with but very little practice to render the most satisfying and "accented" music with delicacy of expression and nice musical effect.

THE MOTOR is one of the strongest features of the Kohlmann make of player-pianos. It is Five Point and frictionless and is the very heart of the organism and its rythmic action operates, regulates and controls the working of the entire action.

There are no complications about this motor; it occupies but little space and its lightness and efficiency are amazing, its simplicity makes it troubleproof and it will not get out of adjustment with constant and hard usage.

THE GOVERNOR is an essential and necessary adjunct of the motor in that it automatically imparts to the engine a steady pneumatic pressure whenever the pedals are worked fast or slow. Governor is provided with a special form of valve and this with two adjusting set-screws constitute the only parts employed.

The Kohlmann player is equipped with all flexible metal Air tubes—self adjusting tracking device. This tubing is practically indestructible.

THE PEDALS in the Kohlmann player fold up into the case at the bottom above the regular piano pedals and when thus folded give the appearance of an ordinary piano. These pedals are a great improvement over most others in the matter of ease of operation and the immense leverage exerted. Their use will not tire even a small child. They have eliminated the item of fatigue from player pianos.

OTHER FEATURES of the player action are the general high grade quality of materials used, the fine alignment and balance of the works and the assured durability of the whole.

Player Bench and Six Player Rolls included.

BACK is uncommonly strong in construction, having six finished posts of rock maple. Pin block made of several layers of quarter inch quarter sawed Adirondack maple direction of grain of each layer alternating successively with the next, while the ribs and sounding board are of the highest quality of Mountain Spruce, the latter being crowned to preserve a lasting quality of tone.

INTERIOR has compound key-board; double Billings, repeating brass flange action, 14-pound hammers; extra heavy re-enforced bell metal plate; imported German tuning pins and wire; copper-wound bass, continuous hinges on fall board; 3 brass pedals, 7 1/3 octaves.

PLAYER ATTACHMENT. All standard music may be used. Made regularly in 88 note.

Height 4 feet 9 inches; width 5 feet 3½ inches, depth 2 feet 3½ inches. Shipping weight about 900 pounds

No. 17092	Mahogany	$919.30
No. 17093	Walnut	919.30
No. 17094	Golden Oak	919.30
No. 17095	Dark English Oak	919.30

KOHLMANN CABINET GRAND

CASE is of attractive proportions and delightfully symmetrical. The round hand carved trusses with pilasters to correspond bestow a noticeably air of grace to the architecture. Trusses have molded bases and carved caps. Upper panel is relieved by smaller center panel in center of which is sliding door covering music roll. Inside of case veneered in White Maple. Has Empire top and "grand" hinges.

BACK is our regular sturdy and durable construction. Six heavy posts give a wall of strength to the instrument. The ribs and sounding board of choicest Northern Spruce. Sounding board specially crowned to sustain string pressure and maintain lasting tone. Pin block of several layers of quarter inch quarter sawed Adirondack Rock Maple, direction of grain of each layer alternating successively with the next.

INTERIOR specifications embrace brass flange action of exceptional quality and great responsiveness, copper-wound bass strings; music wire and tuning pins of finest imported quality, imported 14-pound hammers; three pedals; absolutely noiseless metal trap work fine ivory keys. Scale is exceptionally well balanced and acoustic quality is grand. Has a beautiful and sonorous tone of exceptional sweetness.

PLAYER ATTACHMENT 88 note. All Standard music may be used.

Height, 4 feet 9 inches, width 5 feet 3 inches, depth, 2 feet 3¾ inches. Shipping weight about 950 lbs.

No 17096	Mahogany	$1108.00
No. 17097	Walnut	1108.00
No 17098	Golden Oak	1108.00
No 17099	Dark English Oak	1108.00

SPECIAL OFFER: With each Kohlmann Player Piano we will include high grade Player Bench to match piano, and SIX Standard Perforated Music Rolls FREE.

KOHLMANN COLONIAL GRAND

Fully guaranteed 88 note player piano

CASE is very chaste and dignified in appearance and altogether a stately instrument of delightful individuality, possessing an air of refinement that makes a fit setting for either elegant or comely surroundings. An ornate cornice moulding runs across the entire top of the panel being over-hung by the piano-top. Trusses and pilasters are square and tapering. Handsomely finished and double veneered in high grade veneers of either Oak, Walnut or Mahogany; inside veneered with White Maple, has Empire top with "Grand" hinges.

MUSIC ROLL CATALOGUE FURNISHED UPON REQUEST

An Innovation—Interlocking K. D. Sectional Bookcases

When Locked Stay Together, Making a Solid Bookcase. Can be Set Up in a Few Moments
No Nails, Screws or Hammer Required

INTERLOCKING K. D. COMBINATION No. 302

Finished in high polished mahogany finish and golden quartered oak, also in fumed, early English and weathered oak, wax finishes. Consists of the following sections: 1 top, 1 9-inch book section, 1 11-inch book section, 1 13-inch book section, 1 base. Total height, 37⅝ inches. Weight boxed, about 95 pounds.

No. 302 Oak, complete $47.25
No. 302M Mahogany, complete 47.25

Our ideal, and no doubt yours also, for a practical K. D. Sectional Bookcase. Embraces the following features:

Interlocking the different sections, so as to make a solid stack, so that it can be delivered in one piece to your customer without a possibility of coming apart.

So constructed that it is dust-proof, as well as simple to set up, so anyone can do so in a few moments.

Rigid and firm after being set up, different from the loose rattle-box K. D. sectionals now on the market.

Doors that have equalizers to positively prevent binding and doors that are removable without disturbing or taking apart the bookcase.

Beautiful and graceful in design, with lines pleasing to the eye, one that will be an ornament to any home.

This is something we have all been waiting for, and after five years continued experiment we have succeeded in accomplishing all of this in our new Interlocking K. D. Sectional Bookcases.

These are packed in approved corrugated fibre cartons, saving from 25 to 40 pounds in weight on each stack.

PRICES AND SIZES OF SEPARATE SECTIONS

	Height Inside	Length Inside	Height Outside	Length Outside	Each
9-inch book section	9 in.	32¾ in.	11⅛ in.	34 in.	$10.95
11-inch book section	11 in.	32¾ in.	13⅛ in.	34 in.	11.20
13-inch book section	13 in.	32¾ in.	15⅛ in.	34 in.	13.10
			Height Outside	Length Outside	Each
Drawer section			6⅝ in.	34 in.	$10.95
Desk section			15⅛ in.	34 in.	32.10
Top			3 in.	34 in.	6.55
Base			5 in.	34 in.	6.55

LEADED GLASS DOORS

	Price per door		Price per door
Single Diamond Leaded Glass	$4.20	Vertical Leaded Glass	$4.20
Double Diamond Leaded Glass	5.85	French Beveled Plate Glass	5.25

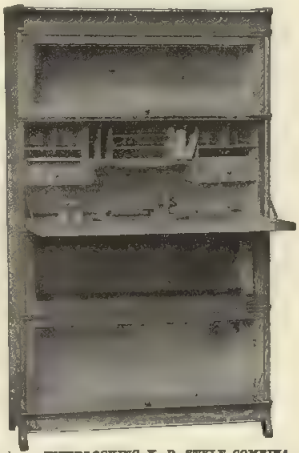
If leaded or beveled plate glass doors are desired, the above prices must be added to the price of book sections with plain glass.

INTERLOCKING K. D. STYLE COMBINATION No. 312

Finished in high polished mahogany and golde quartered oak, also in fumed early English and weathered oak wax finishes. Combination consists of the following sections: 1 top, 2 9-inch book sections, 1 11-inch book section, 1 13-inch book section, 1 base. Total height, 59 inches. Weight, boxed, about 118 pounds.

No. 312 Oak. Complete $57.85
No. 312M Mahogany. Complete 57.85

We make three different styles of Leaded Glass Doors, namely, Single Diamond Double Diamond and Vertical, also French Bevel Plate Glass as shown in cuts. All of the above can be used in any of the different styles of bookcases that we make.



INTERLOCKING K. D. STYLE COMBINATION No. 342

Finished in high polished mahogany finish and golden quartered oak, also in fumed early English and weathered oak wax finishes. Consists of the following sections: 1 top, 2 3-inch book sections, 1 desk section, 1 11-inch book section 1 base. Total height, 59 inches. Weight boxed, about 130 pounds.

No. 342 Oak. Complete $70.20
No. 342M Mahogany. Complete 70.20

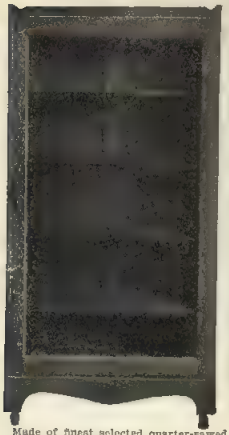
G.W. HUNTLEY & CO. CHICAGO

Fine Library Cases

Made from thoroughly seasoned full one inch quarter-sawed oak. Every article guaranteed to be of the best material and workmanship and to give satisfaction.

ALL CABINETS ARE FINISHED INSIDE

1863 1916



Made of finest selected quarter-sawed oak Height 58 inches; width 28 inches. Four adjustable oak shelves and back; castered Golden oak, weathered fumed or Early English finish. Shipping weight about 200 lbs.

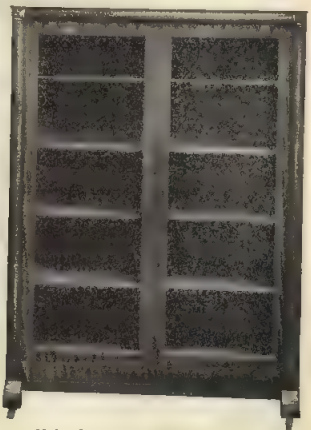
No. 5002½ Gloss finish, each $29.25
No. 5002½P Polished finish, each. 32.20

Same as above with two doors 40 inches wide Shipping weight about 250 lbs.

No. 5012½ Gloss finish, each.... $33.30
No. 5012½P Polished finish, each 36.15

Made of finest selected quarter-sawed oak Height 58 inches width 38 inches Four adjustable oak shelves and back. Castered. Golden oak weathered, fumed or Early English finish. Shipping weight about 185 lbs.

No. 2133 Gloss finish, each..... $35.10
No. 2133P Polished finish, each 38.05



Made of finest selected quarter-sawed oak. Height 60 inches width 42 inches Four adjustable oak shelves and back Heavy scroll feet castered Golden oak weathered, fumed or Early English finish Shipping weight about 135 lbs.

No. 4232 Gloss finish each $45.85
No. 4232P Polished finish, each 49.75

Also furnished in mahogany veneered on hardwood stock at same prices.

Made of finest selected quarter-sawed oak Height 58 inches; width 42 inches Four adjustable oak shelves and back Fancy and leaded glass door Pillar shaped pilasters and heavy claw feet castered Golden oak weathered fumed or Early English finish Shipping weight about 160 lbs.

No. 4212 Gloss finish, each $66.30
No. 4212P Polished finish, each 70.20

Also furnished in mahogany veneered on hardwood stock at same prices. Same as above, plain glass door.

No. 4742 Gloss finish, each $56.50
No. 4742P Polished finish each 62.40

Made of finest selected quarter-sawed oak Height 62 inches; width 62 inches Four adjustable oak shelves and back Leaded glass center door, round pillar shaped pilasters heavy scroll feet, castered. Golden oak weathered fumed or early English finish Shipping weight about 300 lbs.

No. 4402 Polished finish, each $85.95

Shipped F. O. B. Our Southern Indiana Factory.

Liquid Glue.

LE PAGE'S

No. 9.

Nos. 10 and 11.

Family Size.

		Per Gross
No. 9	In 1 Oz. Collapsible Tubes, Weight Per Dozen 2 Lbs.	$21.25
No. 10	In 1 Oz. Bottles, Weight Per Doz. 3 Lbs.	21.25
No. 11	In 2 Oz. Bottles, Weight Per Doz. 4½ Lbs.	33 00
No. 12	In ⅛ Gill Cans, Weight Per Dozen 3½ Lbs.	33.00
No. 13	In 1 Gill Cans, Weight Per Dozen 5 Lbs.	44 00

One Dozen in a Box.

Nos. 12 and 13.

Nos. 14 and 16

Mechanics'.

		Per Dozen
No. 14	In ½ Pint Cans, Weight Per Dozen 12 Lbs.	$ 5.40
No. 15	In 1 Pint Cans, Weight Per Dozen 21 Lbs.	9 00
No. 16	In 1 Quart Cans, Weight Per Dozen 38 Lbs.	15.80
No. 17	In ½ Gallon Cans, Wt. Per Doz. 70 Lbs.	30.70
No. 18	In 1 Gallon Cans, Wt. Per Doz 134 Lbs.	60.00

No. 14, Two Dozen, Nos. 15 and 16, One Dozen, Nos. 17 and 18, One-half Dozen in a Case

	Per Gallon
No. 19—In 5 Gallon Cans	$4.65

Weight Each About 55 Pounds

One Can in a Box

Liquid Glue Assortments.

	Per Case
No. 20—Assortment, Containing 2 Dozen No. 10 and 1 Dozen No. 12 Family Size, with Display Stand	$6 25

Weight Each About 13 Pounds.

One Assortment in a Case

Fix-All Cement.

	Per Dozen
Fix-All Cement—In Tin Boxes	$1.80

For Mending Enameled Ware, Tin Ware, China Furniture Etc

Weight Per Dozen About 2 Pounds.

Sheet Glue.

	Per Pound
No. 2—Cabinet Makers	$0 26
No. 3—Ribbon	35
No. 4—Extra White	30
No. 5—Amber Ground	30

Glue Kettles.

Cast Iron, Japanned.

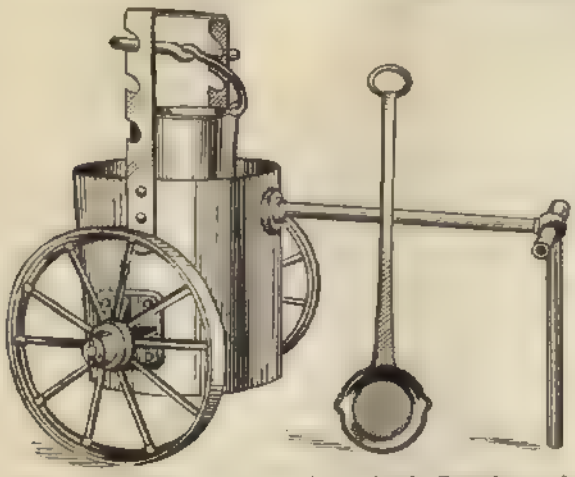
White Enameled Inside.

Nos.	00	0	1	2	3
Weight Per Dozen, Lbs.	40	45	51	69	90
Per Dozen	$8 55	9.35	10.50	13 05	16.00

Tinned Inside.

Nos.	00	0	1	2	3
Weight Per Dozen, Lbs.	40	45	51	69	90
Per Dozen	$9 80	10 65	12 00	14.95	18 25

LEAD MELTING FURNACES



No. 1—On Wheels, Heavy Sheet Steel, Complete with Grate, Pot, Ladle and Bar.

Diam. of Furnace, Inches..	18	24	30
Diam. of Pot, Inches.....	13½	16	18
Depth of Pot, Inches.....	6⅝	11	13
Capacity of Pot, Lbs.....	200	450	800
Diameter of Ladle, Inches.	6	8	10
Each ..... $.....	.....	.....	

No. 2—On Legs, Heavy Sheet Steel, Complete with Grate, Pot, Ladle and Bar.

Diam. Furnace, In..	18	24	30
Diam. Pot, In.....	13½	16	18
Depth Pot, In.....	6⅝	11	13
Capacity Pot, Lbs..	200	450	850
Diam. Ladle, In....	6	8	10
Each ..... $...	. ..	..	

FURNACE GRATES

No. 11—Extra Heavy, Good Grade Cast Iron.

Diameter, Inches	17	23	29
For Furnace Diam., Inches.	18	24	30
Each ..... $....	....	....	

MELTING POTS

No. 100—Cast Iron, Wrought Iron Bail.

Diameter, Inches....	5	6	7	8
Each ..... $....	....	....	.. .	
Diameter, Inches....	9	10	12	13½
Each ..... $....	....	.. .	. ..	

MELTING POTS

No. 10—Very Heavy, Best Grade Cast Iron, Wrought Iron.

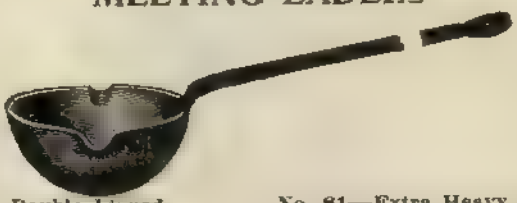
Diam. Bowl, Inches.....	13½	15	18
Depth Bowl, Inches.....	6⅝	11	13
Capacity Bowl, Lbs.....	200	450	850
For Furnace, Inches....	18	24	30
Each ..... $		. .	. ..

POURING BOWLS

No. 13—One Piece Heavy Pressed Sheet Steel Bowl, with Bail and Two Hooks.

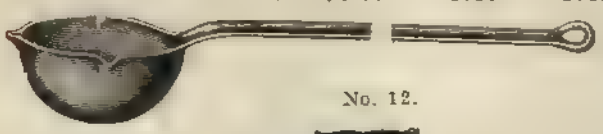
Diam. Bowl, Inches.....	7⅜	8⅝	9⅝	8½
Depth Bowl, Inches.....	4¼	4½	5	7
Capacity, Lbs.	50	75	100	125
Each ... .. $.. .	.. .		....	

MELTING LADLES



No. 80—Drop Forged Steel, Double Lipped.			
Diam. Bowl, Inches	2½	3	3½
Capacity Lead, Lbs.	1	1½	3¼
Thickness Steel, Ga. Nos.	12	12	12
Length Handle, Inches	10	11	13
Steel in Handle, Inches	⅝ x ½	⅝ x ⅝	⅝ x ⅝
Per Dozen	$2.75	3.50	4.00
Diam. Bowl, Inches	4	5	6
Capacity Lead, Lbs.	4	8½	18
Thickness Steel, Ga. Nos.	12	10	10
Length Handle, Inches	14	20	22
Steel in Handle, Inches	⅝ x ⅝	¼ x ⅜	¼ x 1
Per Dozen	$4 75	6.50	8.00

No. 81—Extra Heavy Drop Forged Steel, Double Lipped.			
Diam. Bowl, Inches	7	8	9
Capacity Lead, Lbs.	26	45	57
Thickness Steel, Inches	⅜	⅜	⅜
Length Handle, Inches	24	30	32
Steel in Handle, Inches	⅜ x 1 ⅛	⅜ x 1 ¼	⅜ x 1 ¼
Per Dozen	$12.00	15.00	20.00
Diam. Bowl, Inches		10	12
Capacity Lead, Lbs.		80	130
Thickness Steel, Inches		½	¼
Length Handle, Inches		36	40
Steel in Handle, Inches		⅜ x 1 ½	⅜ x 1 ⅝
Per Dozen		$24.00	45.00



No. 12.

No. 12—One Solid Piece Pressed Steel, with One, Two or Three Lips.

Diameter of Bowl, Inches	6	8	10
Capacity, Lbs.	12	32	59
For Furnace, Diameter, Inches.	18	24	30
Each	$.....	.....	. . .

Note—In ordering, state number of lips wanted.

Heavy Steel, Wrought Iron Handles.

Each

No. 758—Capacity 200 Lbs. Iron, 12 in. Diameter Top, 11½ in. Deep.....$10.00

Allows for daubing and 1½ in. space at top when full to capacity marked.

No. 758.

LEAD PIPE EXPANDING PLIERS

Each

No. 19—11 in. Long, for Turning Out Collars on Lead Traps and Lead Pipes, or for Expanding the Ends of Lead Pipe.....$1.30

All danger of splitting or bending the pipe is overcome by the use of these pliers

CALKING HAMMERS AND TOOLS

Best Quality Steel.			Each
Calking Hammers—Weight Each 4 Lbs.			.$. .
CALKING TOOLS			
Size, Inches	¾	⅞	1
Per Set	$...	...	....

A Set Consists of a Yarning Iron and Five Tools

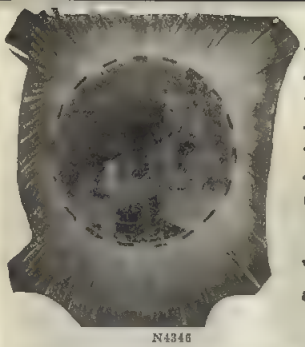
ASBESTOS JOINT RUNNERS

Complete Clamps.

Adapted for Any Kind of Pipe where Joint is Poured with Molten Lead.

Each

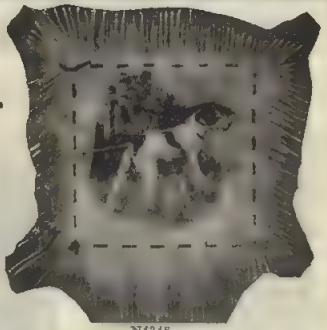
No. 1—¾ in. Square, for 2, 3 and 4 in. Pipe. . . . . ..$....
No. 2—¾ in. Square, for 4, 5 and 6 in. Pipe . . . . . .
No. 3—1 in. Square, for 6, 8 and 10 in. Pipe. . . . . .
No. 4—1 in. Square, for 10, 12 and 14 in. Pipe. . . . . .
No. 5—1¼ in. Square, for 8, 10 and 12 in. Pipe. . . . . .
No. 6—1¼ in. Square for 10, 12 and 14 in. Pipe. . . . . .
No. 7—1¼ in. Square, for 16, 18 and 20 in. Pipe. . . . . .
No. 8—1¼ in. Square for 24 in. Pipe. . . . . .



N4346

Fine Leather Pillow Tops

Wall Panels and Banners



N4345

Leather Pillow Tops. Made of genuine leather with fringe edges and fine quality felt backs, leather lacing; subjects are executed under a new process and the tints, lettering, etc., are in rich natural colors. The proportion and outline of the subjects are executed in the best possible manner. Tinting is first class and will not fade. The designs represent the newest ideas and are the most popular. Furnished in the following subjects:

No.		Doz.	Each
N4346.	A Meal for Two	14.50	1.25
N4347.	Japanese Girl	14.50	1.25
N4348.	Hunting Dog	14.50	1.25
N4362.	Indian Maiden	14.50	1.25
N4360.	Dog Design with lettering "Gee, I Like to Chase Chickens"	14.50	1.25
N4359.	U. S. Bulldog with collar of National colors, red white and blue.	14.50	1.25
N4405.	Neutral Girl	14.50	1.25
N4404.	U. S. A. Boy	14.50	1.25
N4406.	U. S. A. Girl	14.50	1.25
N4407.	Cuties	14.50	1.25

Leather Pillow Tops, Battleship Series. Excellent reproductions of some of the late additions of Battleships and Dreadnaughts to the U. S. Navy. The outline is excellent and the colors and tinting are rich and harmonious. Executed under the latest process and will not fade. Made of genuine leather with fringe edges, leather lacing and fine quality felt backs. Furnished in the following subjects:

No.		Doz.	Each
N4340.	U. S. S. Missouri	14.50	1.25
N4341.	U. S. S. North Dakota	14.50	1.25
N4342.	U. S. S. Iowa	14.50	1.25
N4343.	U. S. S. Nebraska	14.50	1.25
N4344.	U. S. S. Wyoming	14.50	1.25
N4345.	U. S. S. Kansas	14.50	1.25

Leather Banners or Wall Panels. Made of full size skins with unfinished rough edges. Average size 30 to 36 inches. The designs are executed in the same elegant manner as those on the pillow tops. They make an excellent table cover or wall panel for libraries, dens, etc. Furnished in the following subjects.

No.		Doz.	Each
N4402¼.	Cuties	13.00	1.15
N4405¼.	Neutral Girl	13.00	1.15
N4404¼.	U. S. A. Boy	13.00	1.15
N4406¼.	U. S. A. Girl	13.00	1.15

N4342

N4405

Suede Leather Pillow Tops and Wall Panels

Inlaid Pillow Tops of Genuine Suede Leather, full size skin with fancy fringe edges. The art subjects are executed in bright colored tints and shades, chosen with great care, which are greatly enhanced by the sharp contrast of perforations showing the backing of bright colored silk. The illustrations are greatly reduced and give but a slight idea of the artistic beauty of the finished article.

N4403

N4399

N4401

Leather Back, Silk Inlaid Genuine Suede Leather Pillow Tops, full fringe edges, leather lacing.

No.		Doz.	Each
N4389.	Turban Girl	27.00	2.30
N4399.	Senorita	27.00	2.30
N4400.	Summer Girl	27.00	2.30
N4401.	American Beauty Roses	27.00	2.30
N4402	Iris	27.00	2.30
N4403	Doves and Flowers	27.00	2.30

Felt Back, Silk Inlaid Genuine Suede Leather Pillow Tops, full fringe edges, leather lacings.

No.		Doz.	Each
N4389½.	Turban Girl	21.00	1.80
N4399½.	Senorita	21.00	1.80
N4400½.	Summer Girl	21.00	1.80
N4401½.	American Beauty Roses	21.00	1.80
N4402½.	Iris	21.00	1.80
N4403½.	Doves and Flowers	21.00	1.80

Untrimmed Skins, Silk Inlaid, Genuine Suede Leather Table Covers or Wall Panels. Full size skins.

No.		Doz.	Each
N4389¼.	Turban Girl	18.00	1.55
N4399¼.	Senorita	18.00	1.55
N4400¼.	Summer Girl	18.00	1.55
N4401¼.	American Beauty Roses	18.00	1.55
N4402¼.	Iris	18.00	1.55
N4403¼.	Doves and Flowers	18.00	1.55

Embossed Leather Pillow Tops

Embossed Leather Pillow Tops of Genuine heavy brown colored leather, full size, with leather lacing and felt backs. The outline of the designs is perfect in every detail and the embossing is finely executed so that every detail of the pattern is brought out in strong relief. The subjects are well chosen and represent the latest and most seasonable designs that will meet with public approval. The coloring and tinting is executed by artists under the latest process and will not fade.

No. N4475

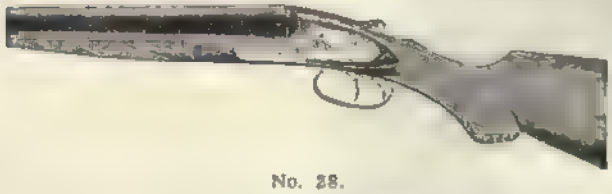
No. N4476

No. N4415

No.		Doz.	Each
N4408.	Gainsborough Girl	19.75	1.70
N4409.	U. S. Helmet Shield	19.75	1.70
N4410.	American Beauty Roses	19.75	1.70
N4415.	On Guard	19.75	1.70
N4416.	Peace	19.75	1.70
N4475.	Indian Chief	19.75	1.70
N4476.	Columbia	19.75	1.70

Double Barrel Shot Guns.

LEFEVER HAMMERLESS



No. 28.

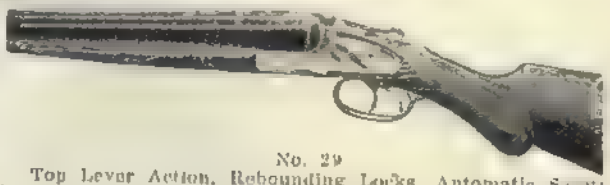
Top Lever Action, Rebounding Locks, Automatic Safety, Matted Extended Rib, Checkered Full Pistol Grip, Engraved Patent Fore End, Rubber Cap, Imported Walnut Stock, Rubber Butt Plate, Both Barrels Choke Bored.

"H" Grade, Plain Ejector. Each

No. 28—12 Gauge, 30 in. Twist Steel Barrels, Weight 7¼ to 8¼ lbs. $62 75

"H" Grade, Automatic Ejector. Each

No. 28E—12 Gauge, 30 and 32 in. London Twist Steel Barrels, Weight 7¼ to 8¼ Lbs. $81 85



No. 29

Top Lever Action, Rebounding Locks, Automatic Safety, Matted Extended Rib, Checkered Half Pistol Grip, Patent Fore-End, Rubber Cap, Imported Walnut Stock, Rubber Butt Plate, Both Barrels Choke Bored

Durston Special "I" Grade, Plain Ejector. Each

No. 29—12 Gauge, 30 and 32 in. Black Dura Nitro Steel Barrels, Weight 7¼ to 8¼ Lbs. $48 65

No. 2916—16 Gauge, 28 in. Black Dura Nitro Steel Barrels Weight 6½ to 7 Lbs. 40 65

No. 2920—20 Gauge 28 in. Black Dura Nitro Steel Barrels Weight 5½ to 6 Lbs. 40 65

Durston Special "I" Grade, Automatic Ejector. Each

No. 29E—12 Gauge, 30 in. Black Dura Nitro Steel Barrels, Weight 7¼ to 8¼ Lbs. $64.40

MILWAUKEE GUN CO.'S

HAMMER

Top Snap Action, Rebounding Locks, Circular Hammers, Matted Extended Rib Checkered Half Pistol Grip, Patent Snap Fore End, Walnut Stock, Rubber Butt Plate, Both Barrels Choke Bored. Each

No. 215—12 Gauge, 30 in. Plain Blued Steel Barrel, Bored for Either Nitro or Black Powder, Weight 7½ to 8 Lbs. $20 55

No. 216—16 Gauge, 30 in. Plain Blued Steel Barrel, Bored for Either Nitro or Black Powder Weight 6¼ to 7 Lbs. 20.55

No. 217—20 Gauge, 28 in. Plain Blued Steel Barrel, Bored for Either Nitro or Black Powder, Weight 5¾ Lbs. 20.55

HAMMERLESS

Top Snap Action with New Top Bolt Fastening, Rebounding Locks, Finely Matted Flat Top Rib, Reinforced Drop Forged Steel Breech, Checkered Half Pistol Grip, Patent Fore End, American Walnut Stock, Rubber Butt Plate, Both Barrels Choke Bored. Each

No. 225—12 Gauge, 30 in. Plain Blued Steel Barrel, Bored for Either Nitro or Black Powder, Weight 7½ to 8 Lbs. $20.65

No. 226—16 Gauge, 30 in. Plain Blued Steel Barrel Bored for Either Nitro or Black Powder, Weight 6¾ to 7 Lbs. 20.65

No. 227—20 Gauge, 28 in. Plain Blued Steel Barrel, Bored for Either Nitro or Black Powder, Weight 5¾ Lbs. 20 85

STANLEY ARMS CO.'S BREECH LOADING HAMMER

Top Lever Action, Rebounding Back Action Locks, Circular Hammers, Extended Rib, Checkered Half Pistol Grip and Patent Snap Fore-End, Case Hardened Mountings, Walnut Stock, Steel Butt Plate. Each

No. 508—12 Gauge, 30 and 32 in. Twist Finish Steel Barrels, Weight 7¼ to 8 Lbs. $17 45

No. 512—16 Gauge, 30 in. Twist Finish Steel Barrels, Weight 6½ to 7 Lbs. 17.45

Top Lever Action, Rebounding Bar Locks, Circular Hammers, Extended Rib, Checkered Half Pistol Grip and Patent Snap Fore End, Case Hardened Mountings, Walnut Stock Steel Butt Plate. Each

No. 518—12 Gauge, 30 and 32 in. Twist Finish Steel Barrels, Weight 7¼ to 8 Lbs. $19 45

No. 520—16 Gauge, 30 in. Twist Finish Steel Barrels, Weight 6½ to 7 Lbs. 19.45

BREECH LOADING HAMMER

Nos. 414 to 420.

Full Machine Made.

Top Lever Action, Rebounding Bar Locks, Circular Hammers, Matted Extended Rib and Dovetailed Bolt, Checkered Full Pistol Grip and Patent Snap Fore-End, Case Hardened Mountings, Oiled Walnut Stock, Left Barrel Choke Bored.

Thin Steel Butt Plate. Each

No. 414—12 Gauge, 30 and 32 in. Blued Finish Steel Barrels, Weight 7½ to 8 Lbs. $21.10

No. 415—16 Gauge, 30 in. Blued Finish Steel Barrels, Weight 6½ to 7 Lbs. 21 10

Rubber Butt Plate. Each

No. 418—12 Gauge, 30 and 32 in. Twist Finish Steel Barrels, Weight 7½ to 8 Lbs. $22 75

No. 420—16 Gauge, 30 in. Twist Finish Steel Barrels, Weight 6½ to 7 Lbs. 22 75

Double Barrel Shot Guns.

AMERICAN GUN CO.'S SMALL BORE

Nos. 611 and 61

Top Lever Action, Bar Locks, Circular Hammers, Matted Extended Rib, Checkered Pistol Grip and Fore-End, Walnut Stock, Rubber Butt Plate.

		Each
No. 611	28 Gauge, 26 and 28 in. Nitro Steel Barrels, Weight About 4¾ Lbs.	$21.10
No. 612	44 Caliber, 26 in. Nitro Steel Barrels, Weight About 4¾ Lbs.	21 10

AMERICAN GUN CO.'S HAMMER

Top Lever Action, Rebounding Bar Locks, Low Circular Hammers, Matted Extended Rib, Deeley and Edge Fore-End Half Pistol Grip, Walnut Stock, Rubber Butt Plate, Both Barrels Choke Bored

		Each
No. 608	12 Gauge, 30 and 32 in. Genuine Armory Steel Barrels, Weight 7½ to 8 Lbs.	$17 75
No. 609	16 Gauge, 30 in. Genuine Armory Steel Barrels, Weight 6½ to 7¼ Lbs.	17.75
No. 610	20 Gauge, 28 in. Genuine Armory Steel Barrels, Weight 5¾ Lbs.	17 75

AMERICAN GUN CO.'S HAMMERLESS

Top Lever Action, Rebounding Locks, Automatic Safety, Deep Seated Bolts, L Shaped Extension Matted Rib, Checkered Pistol Grip, Deeley and Edge Fore-End, Walnut Stock, Rubber Butt Plate, Both Barrels Choke Bored

		Each
No. 60	12 Gauge, 30 in. Armory Steel Barrels, Weight 7 to 8 Lbs.	$24.45
No. 61	16 Gauge, 30 in. Armory Steel Barrels, Weight 6½ to 7 Lbs.	24.45
No. 62	20 Gauge, 28 in. Armory Steel Barrels, Weight 5¾ Lbs.	21.45

STEVENS', HAMMER

Demi.-Bloc System, Top Snap Action, New Style Compensating Locking Bolt, Matted Extension Rib, Rebounding Locks, Low Circular Hammers, Checkered Half Pistol Grip and Patent Snap Fore-End, Case Hardened Frame, Oiled Walnut Stock, Rubber Butt Plate, Both Barrels Choke Bored.

		Each
No. 235	12 Gauge, 30 and 32 in. Compressed Forged High Pressure Steel Barrels, Bored for Nitro Powder, Weight 7¾ to 8¼ Lbs.	$22 25
No. 236	16 Gauge, 28 in. Compressed Forged High Pressure Steel Barrels Bored for Nitro Powder, Weight 6½ to 7 Lbs.	22.25

STEVENS', HAMMERLESS

Demi-Bloc System, Top Slap Action, New Style Compensating Locking Bolt, Matted Extension Rib, Checkered Half Pistol Grip and Patent Snap Fore-End, Case Hardened Frame, Oiled English Walnut Stock, Rubber Butt Plate, Both Barrels Choke Bored

		Each
No. 335	12 Gauge, 30 and 32 in. Compressed Forged High Pressure Steel Barrels, Bored for Nitro Powder, Weight 7½ to 8 Lbs.	$30.00
No. 336	16 Gauge, 28 in. Compressed Forged High Pressure Steel Barrels, Bored for Nitro Powder, Weight 6 to 6¾ Lbs.	30 00

Single Barrel Shot Guns.

STEVENS'

No. 104

Take Down.

Lever Action Tip-up Style, Straight Grip, Blued Frame, Walnut Finished Stock, Rubber Butt Plate, Reinforced Breech

		Each
No. 101	44 Gauge, for 44 X. L., 44 Winchester Center Fire Cartridges, and 44 Game Getter Cartridges 26 in. Steel Barrel, Bored for Nitro Powder, Weight 4 Lbs.	$7 80

BADGER

Top Snap

Rebounding Lock, Pistol Grip, Case Hardened Frame, Detachable Barrel, Fine Walnut Stock, Loose Fore-Arm, Fancy Rubber Butt Plate, Barrel Choke Bored

		Each
No. 440	12 Gauge, 30 and 32 in. Rolled Steel Barrel, Weight About 6¼ Lbs.	$6 70
No. 441	16 Gauge, 30 in. Rolled Steel Barrel, Weight About 6¼ Lbs.	6 70
No. 442	20 Gauge, 28 in. Rolled Steel Barrel, Weight About 6 Lbs.	6 70

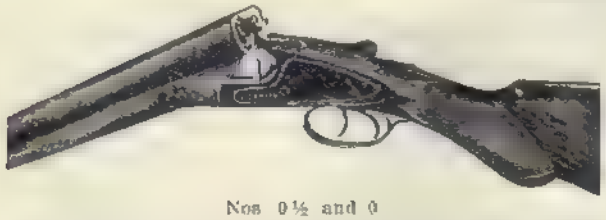
Automatic Ejector.

Rebounding Lock, Pistol Grip, Case Hardened Frame, Detachable Barrel, Fine Walnut Stock, Loose Fore-Arm, Fancy Rubber Butt Plate, Barrel Choke Bored

		Each
No. 445	12 Gauge, 30 and 32 in. Rolled Steel Barrel, Weight About 6¼ Lbs.	$7 25
No. 446	16 Gauge, 30 in. Rolled Steel Barrel, Weight About 6¼ Lbs.	7 25
No. 447	20 Gauge, 28 in. Rolled Steel Barrel, Weight About 6 Lbs.	7 25
No. 448	28 Gauge, 26 in. Rolled Steel Barrel, Weight About 5¾ Lbs.	7 25

Double Barrel Shot Guns.

L. C. SMITH HAMMERLESS



Nos 0½ and 0

Top Lever Action, Rebounding Locks, Automatic Safety, Extended Matted Rib, Triple Bolt, Case Hardened Mountings, Checkered Pistol Grip, Patent Compensating Fore-End, Interchangeable Main Spring, English Walnut Stock, Rubber Butt Plate, Both Barrels Choke Bored

	Plain Ejector.	Each
No. 0½	—12 Gauge, 30 and 32 in. Blued Armor Steel Barrels, Weight 7½ to 8½ Lbs...	$47.50
No. 000	—20 Gauge, 28 in. Blued Armor Steel Barrels, Weight 5½ to 6¼ Lbs.....	47.50
No. 0	—12 Gauge, 30 and 32 in. Two Blade Damascus Steel Barrels, Weight 7½ to 8½ Lbs.....	70 75
	Automatic Ejector	**Each**
No. 0½E	12 Gauge, 30 and 32 in. Blued Armor Steel Barrels, Weight 7½ to 8½ Lbs.....	$ 66 60
No. 0E	12 Gauge, 30 and 32 in. Two Blade Damascus Steel Barrels, Weight 7½ to 8½ Lbs.	103 15

No S2E

Top Lever Action, Rebounding Locks, Automatic Safety, Extended Matted Rib, Triple Bolt, Case Hardened Mountings, Checkered Full Pistol Grip, Patent Compensating Fore-End, Interchangeable Main Spring, English Walnut Stock, Rubber Butt Plate, Both Barrels Choke Bored.

	Plain Ejector.	Each
No. S-2	12 Gauge, 30 and 32 in. Crown Steel Barrels, Weight 7½ to 8½ Lbs.....	$120 35
	Automatic Ejector.	**Each**
No. S-2E	12 Gauge, 30 in. Crown Steel Barrels, Weight 7½ to 8½ Lbs.....	$141 50

L. C. SMITH HAMMERLESS

Top Lever Action, Rebounding Locks, Automatic Safety, Extended Matted Rib, Triple Bolt, Case Hardened Mountings, Checkered Full Pistol Grip, Patent Compensating Fore-End, Interchangeable Main Spring, English Walnut Stock, Rubber Butt Plate, Both Barrels Choke Bored.

	Automatic Ejector.	Each
No. S-3E	12 Gauge, 30 and 32 in. Nitro Steel Barrels Weight 7½ to 8½ Lbs.....	$171.75

No. S1

Top Lever Action, Rebounding Locks, Automatic Safety Extended Matted Rib, Triple Bolt, Case Hardened Mountings Checkered Pistol Grip Patent Compensating Fore-End, Interchangeable Main Spring, English Walnut Stock, Rubber Butt Plate, Both Barrels Choke Bored

	Plain Ejector.	Each
No. S-1	—12 Gauge, 30 and 32 in. Three Blade Damascus Steel Barrels, Line Engraving Weight 7½ to 8½ Lbs.....	$103 15
	Automatic Ejector	**Each**
No. S-1E	12 Gauge, 30 and 32 in. Three Blade Damascus Steel Barrels, Line Engraving Weight 7½ to 8½ Lbs.....	$113 25

Top Lever Action, Rebounding Locks, Automatic Safety Extended Matted Rib, Triple Bolt, Case Hardened Mountings Checkered Full Pistol Grip, Patent Compensating Fore End, Interchangeable Main Spring, English Walnut Stock, Rubber Butt Plate, Both Barrels Choke Bored

	Plain Ejector.	Each
No. S-3—	12 Gauge 30 and 32 in. Nitro Steel Barrels, Weight 7½ to 8½ Lbs	$148 75

LEFEVER HAMMERLESS

No 23E

"E" Grade, Automatic Ejector.

Top Lever Action, Rebounding Locks, Automatic Safety Matted Extended Rib, Richly Checkered and Engraved, Full Pistol Grip and Patent Fore-End, Rubber Cap, English Walnut Stock, Rubber Butt Plate, Both Barrels Choke Bored

		Each
No. 23E	12 Gauge, 30 in. Krupp Steel Barrels, Weight 7¼ to 8 Lbs.....	$153 80

Ideal "G" Grade, Plain Ejector.

Top Lever Action, Rebounding Locks, Automatic Safety, Matted Extended Rib, Checkered Full Pistol Grip and Patent Fore-End, Rubber Cap, Line Engraving, English Walnut Stock, Rubber Butt Plate, Both Barrels Choke Bored

		Each
No. 25—	12 Gauge, 30 and 32 in. Damascus Steel Barrels, Weight 7¼ to 8 Lbs.....	$81.05
	Ideal "G" Grade, Automatic Ejector.	**Each**
No. 25E	12 Gauge, 30 and 32 in. Fine Blued Steel Barrels, Weight 7¼ to 8 Lbs.....	$103 25

Double Barrel Shot Guns.

PARKER TROJAN

Top Lever Action, Rebounding Locks, Automatic Safety Matted Top Rib, Checkered Full Pistol Grip Checkered Fore End, Walnut Stock, Hard Rubber Butt Plate

	Plain Ejector.	Each
No. 912	12 Gauge, 30 in. Imported Trojan Steel Barrels, Full Choke Bored, Weight 7½ to 8 Lbs	$50.50
No. 916	16 Gauge, 28 in. Imported Trojan Steel Barrels, Modified and Full Choke Bored, Weight 6½ to 7 Lbs.	50 50
No. 920	20 Gauge, 28 in Imported Trojan Steel Barrels, Modified and Full Choke Bored, Weight 6 to 6¾ Lbs.	50 50

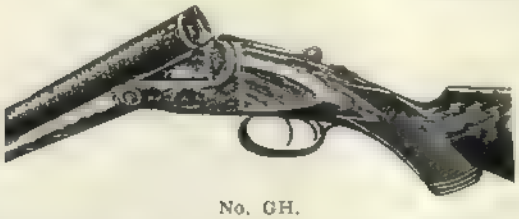
PARKER HAMMERLESS

No VH

Top Lever Action, Rebounding Locks, Automatic Safety, Matted Extended Rib, Checkered and Engraved Full Pistol Grip, Patent Fore-End, Rubber Cap, Walnut Stock, Hard Rubber Butt Plate, Both Barrels Choke Bored

	Plain Ejector.	Each
No. VH	—12 Gauge, 30 and 32 in. Vulcan (Black) Steel Barrels, Weight 7½ to 8¼ Lbs.	$75 00
No. VH6	—16 Gauge, 28 and 30 in. Vulcan (Black) Steel Barrels, Weight 6¾ to 7¼ Lbs.	75 00
	Automatic Ejector.	**Each**
No. VHE	—12 Gauge, 30 in. Vulcan (Black) Steel Barrels, Weight 7½ to 8¼ Lbs.	$112 50

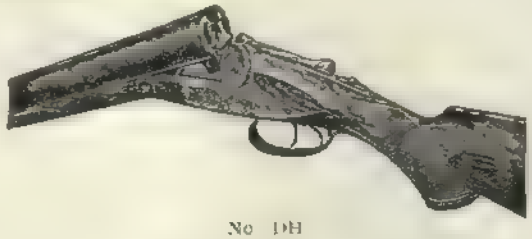
PARKER HAMMERLESS



No. GH.

Top Lever Action, Rebounding Locks, Automatic Safety Matted Extended Rib, Checkered and Engraved Full Pistol Grip, Patent Fore-End, Rubber Cap, Walnut Stock, Hard Rubber Butt Plate.

	Plain Ejector. Both Barrels Choke Bored	Each
No. PH	12 Gauge, 32 in Fine Damascus Stub Twist Barrels, Weight 7½ to 8¼ Lbs	$ 97.50
No. GH	—12 Gauge, 30 and 32 in. Fine Damascus Steel Barrels, Weight 7½ to 8¾ Lbs	120.00



No DH

Top Lever Action, Rebounding Locks, Automatic Safety, Matted Extended Rib, Checkered and Engraved Full Pistol Grip, Patent Fore-End, Rubber Cap, English Walnut Stock, Silver Shield, Skeleton Butt Plate, Both Barrels Choke Bored

	Plain Ejector.	Each
No. DH	12 Gauge, 30 and 32 in. Fine Damascus Steel Barrels, Weight 7½ to 8¼ Lbs.	$150.00

FOX STERLINGWORTH HAMMERLESS

Length of Stock 14 in., Drop 2¾ in Only.

Top Lever Action, Rebounding Lock, Automatic Safety Extended Matted Rib, Checkered and Engraved Full Pistol Grip, Patent Non-Breakable Fox Spiral Spring Fore-End, American Walnut Stock, Hard Rubber Butt Plate, **Right Barrel Modified Choke, Left Barrel Full Choke Bored, or Both Barrels Full Choke Bored.**

		Each
No. 1F	—12 Gauge, 30 in. Genuine Sterlingworth Fluid Compressed Steel Barrels, Adapted to Smokeless or Black Powder, Weight 7½ to 7¾ Lbs.	$46 65
No. 2F	—12 Gauge, 30 in. Genuine Sterlingworth Fluid Compressed Steel Barrels, Adapted to Smokeless or Black Powder, with Automatic Ejector, Weight 7½ to 7¾ Lbs.	60.00
No. 20F	20 Gauge, 28 in. Genuine Sterlingworth Fluid Compressed Steel Barrels, Adapted to Smokeless or Black Powder, Weight 5½ to 5¾ Lbs.	46 65
No. 22F	—20 Gauge, 28 in Genuine Sterlingworth Fluid Compressed Steel Barrels, Adapted to Smokeless or Black Powder, with Automatic Ejector, Weight 5½ to 5¾ Lbs.	60.00

L. C. SMITH HAMMER

Nos. 14 to 16

Top Lever Action, Rebounding Low Circular Hammers, Matted Extended Rib, Triple Bolt, Checkered Pistol Grip, Patent Compensating Fore-End, English Walnut Stock, Rubber Butt Plate, Both Barrels Choke Bored

		Each
No. 13	—12 Gauge, 30 and 32 in. Blued Steel Barrels, Weight 7½ to 8½ Lbs.	$33 30
No. 14	—12 Gauge, 30 and 32 in English Stub Twist Steel Barrels, Weight 7½ to 8½ Lbs.	35 60
No. 15	—10 Gauge, 32 in. English Stub Twist Steel Barrels, Weight 9 to 10 Lbs.	35 60
No. 16	—16 Gauge, 30 in. English Stub Twist Steel Barrels, Weight 6½ to 7 Lbs	35 60

Toy Specialties

Good and Profitable Articles for any Dealer

No. N11. Humpty Dumpty Wrestlers, these are two wooden mannikins with loosely jointed legs with bushy fur heads, connected with tin arms. Attach a string in the center. They may be manipulated so they appear to be fighting vigorously; very comical and enjoyably laughable novelty. Instructions with each set
Per 1000.. 20.00 , Per 100,... 2.25

No. N3859. Stuffed Dog, full fashioned body of white brushed fleece Canton cloth, brown spotted, sewed on ears, bead eyes, red defined mouth and nose; leather collar with miniature bell; 6 in. long, tapping top of head produces barking sound; 1 dozen in package
Per dozen..... .80

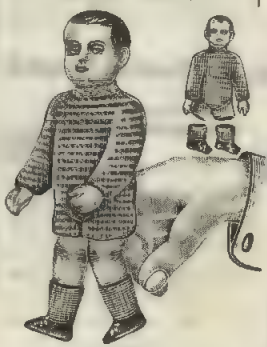
No. N3845. Barking Dogs, full fashioned stuffed bodies, made of brushed fleece white Canton cloth spotted brown, bead eyes, sewed on ears; tapping dog on head produces a barking noise and his lower jaw drops in a natural way as though barking; metal collar with bell; 7 in. long, 7 in. high; 1 dozen in box. Dozen..... 1.75

No. N3852. Barking Bulldog, composition body, flannel covered in white with brown spots, glass bead eyes and collar with buckle A well formed figure. Pressing head down causes the mouth to open and dog will bark. Height 6½ in. Per dozen 1.00

BUNKUM DOGS.

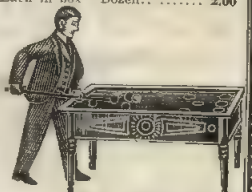
No. N3804. Bunkum Dogs, the original imported article. The body made of white bearskin cloth, stuffed, well shaped head, brown ears and sides of face, black pug nose, brown bead eyes. Drawn over hand the same as a mitt, small finger and thumb inserted in parts that represent forelegs. Placed over your arm, it looks veritably like a live, clever looking pug dog May be put through antics by simply moving your fingers and thumb
Per dozen..... 3.50

OUR TINY TODDLR



No. N3851. Our Tiny Toddler. The animated doll. Walks or dances and any other stunts which your fingers are capable of performing; 9 to 10 inches high; celluloid head with fine features tinted in natural colors, body dressed in knitted rompers with short pantalets, assorted colors. Special openings in back into which you insert the two first fingers down to second knuckles which form the legs. Slip your finger tips into his boots. You now have a complete doll standing erect, ready to walk, kick or jig. Each in attractive box.
Per dozen..... 2.25

No. N3907. Lehman's Epil Airship, exact copy of a Zeppelin; good workmanship and finish, made of steel, enameled in colors, splendid airship model, paddles in back, spring motor inside, keel bottom. Each in box Dozen.. ..... 2.00



No. N3913. Pool Table and Player, made of metal, winding up spring, player shoots balls into pocket which automatically come to the surface to be again shot into pocket. Each toy complete in box.
Per dozen..... 2.00

No. N3908. Tap Tap. Mechanical push cart. Strong construction entirely of metal in bright colors, winding the spring motor causes the man to walk and push the cart ahead of him. Each in box.
Per dozen..... 2.00

No. N3932. Motor Cycle Rider. Made entirely of metal in bright colors, runs on cord. Fasten strong cord on some object and place bicycle on cord with weight down, holding other end of cord and raising or lowering causes bicyclist to ride in either direction and in any speed desired in a very lifelike manner. Packed each in carton:
Per dozen..... 2.00

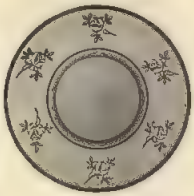
G.W. HUNTLEY CO. CHICAGO

New Decorated Dresden Glassware

1863 1916

Finest of Selected Leaded Glass Blanks, Decorated with Coin Gold Bands and Hand Enameled Roses in natural Colors. Prices Each

Vinegar or Oil Bottle
Full cut stopper and star bottom. Capacity 5 ounces.
No. 16682 Each. .$6.85



Sherbet Plate
Diameter 5¼ inches.
No. 16683 Each. $1.80

Footed Sherbet
Height 3½ inches; diameter 3½ inches.
No. 16684 Each. $1.80

Finger Bowl
Height 2½ inches, diameter 4½ inches.
No. 16685 Each $2.20

Puff Box
Height 1⅝ inches diameter 3⅜ inches.
No. 16686 Each $5.40

Creamer
No. 16687 Height 3⅜ in.

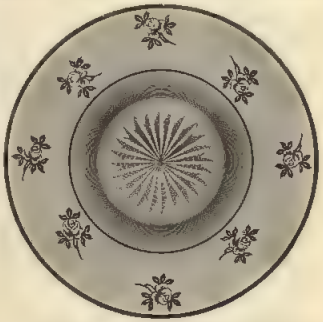
Sugar
Height 3 in. Per set $6.40

Claret Jug
No. 16690 Capacity 3½ pints Each $8.40

Individual Nut
Height 1¾ in.; diameter 2⅛ in.
Each
No. 16688 . . . $1.85

Salt and Pepper
Full Colonial cut; fitted with sanitary glass tops, height 2⅝ inches.
Pair
No. 16689 . . . $3.85

Claret or Grape Juice Tumbler
Capacity 6 ounces
No. 16691 Dozen. $19.15



Sandwich or Cake Plate, Full Cut, Star Bottom
No. 16692 Diameter, 9 inches each $6.40
No. 16693 Diameter 10½ inches, each 8.65

Sterling Silver Decorated China

Coffee Pot
Height 8¾ inches.
No. 16694 Each. $22.20

Sugar and Cream
Height of sugar 2½ inches
Height of cream 2¼ inches.
No. 16695 Per set $26.10

Finest Lenox White Bone China

Prices Each

Tea Pot
Height 5½ inches
No. 16696 Each $22.20

G.W. HUNTLEY © CHICAGO

The Finest Line of Decorated China Made

Each Piece is Absolutely Perfect. The Subjects are Treated Naturally and Gold is Used Without Stint. Cost—Not a Consideration. Results—Best on the Market.

1863 1916

PLATE
Roses, forget-me-nots and gold scroll

No.		Each
16717	Diameter 8⅛ inches	$3.35
16718	Diameter 7½ inches	2.00
16719	Diameter 6 inches	1.35

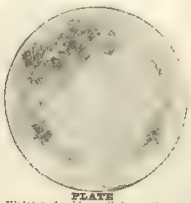


PLATE
Violet and gold scroll decorations.

No.		Each
16720	Diameter 8⅛ inches	$3.35
16721	Diameter 7½ inches	2.00
16722	Diameter 6 inches	1.35

PLATE
Enamel design.

No.		Each
16723	Diameter 8⅛ inches	4.00
16724	Diameter 7½ inches	2.50
16725	Diameter 6 inches	1.70

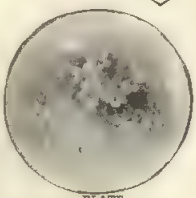


PLATE
Assorted flower decoration and gold line

No.		Each
16726	Diameter 8⅛ inches	$2.70
16727	Diameter 7½ inches	2.05
16728	Diameter 6 inches	1.20

PLATE
Roses, blue band and lavender

No.		Each
16729	Diameter 8¼ inches	$3.35
16730	Diameter 7½ inches	2.00
16731	Diameter 6 inches	1.35

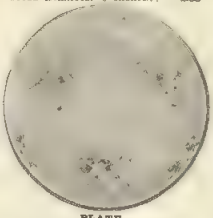


PLATE
Forget-me-nots, blue tint and pink roses.

No.		Each
16732	Diameter 8⅛ inches	$2.35
16733	Diameter 7½ inches	2.00
16734	Diameter 6 inches	1.35

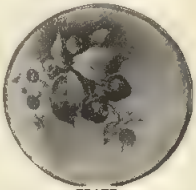


PLATE
Fruit decoration and gold line

No.		Each
16735	Diameter 8⅛ inches	$2.70
16736	Diameter 7½ inches	2.05
16737	Diameter 6 inches	1.35

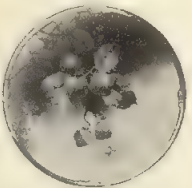


PLATE
Fruit decoration and heavy gold band.

No.		Each
16738	Diameter 8⅛ inches	$4.45
16739	Diameter 7½ inches	3.80

PLATE
Diana Pattern

No. 16740	Diameter 8½ inches, each	$6.65
No. 16741	Diameter 7½ inches, each	5.55

PLATE
Encrusted gold rose decorations, inlaid with blue.
No. 16742 Diameter 8½ inches, each.....$8.00

CAKE PLATE
Same decorations as above.
No. 16743 Diameter 10 inches, each.....$11.10

CHOP PLATE
Same decorations as above.
No. 16744 Diameter 13 inches, each.....$16.65

PLATE
Egyptian decorations.
No. 16745 Diameter 8½ inches, each.. $6.65

PLATE
Eastern Star emblem.

No.		Each
16746	Diameter 8½ inches	$4.45

Can be furnished with any fraternal or national emblem or decoration at same price.

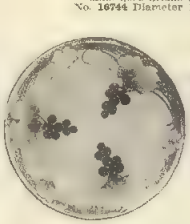


PLATE
Grape conventional decorations.

No.		Each
16747	Diameter 8½ inches	$17.75

CHOP PLATE
Same decorations as above.

No.		Each
16748	Diameter 13 inches	$33.30

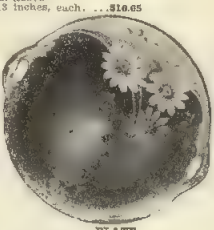


PLATE
Florentine decorations.

No.		Each
16749	Diameter 8½ inches	$6.90

CAKE PLATE
Same decorations as above.

No.		Each
16750	Diameter 10 inches	$8.25

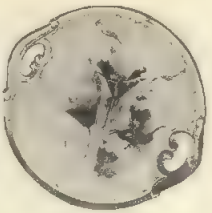


PLATE
California poppy decorations

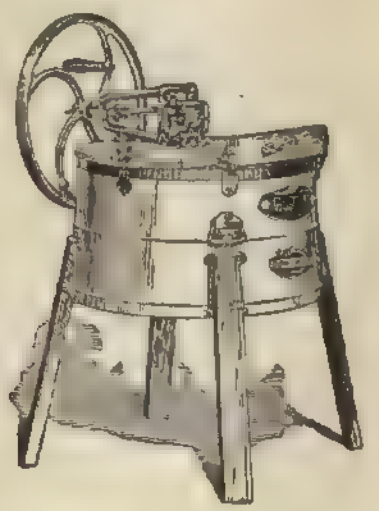
No.		Each
16751	Diameter 8½ inches	$6.90

CAKE PLATE
Same decorations as above.

No.		Each
16752	Diameter 10 inches	$8.25

WASHING MACHINES

MAJESTIC ROTARY



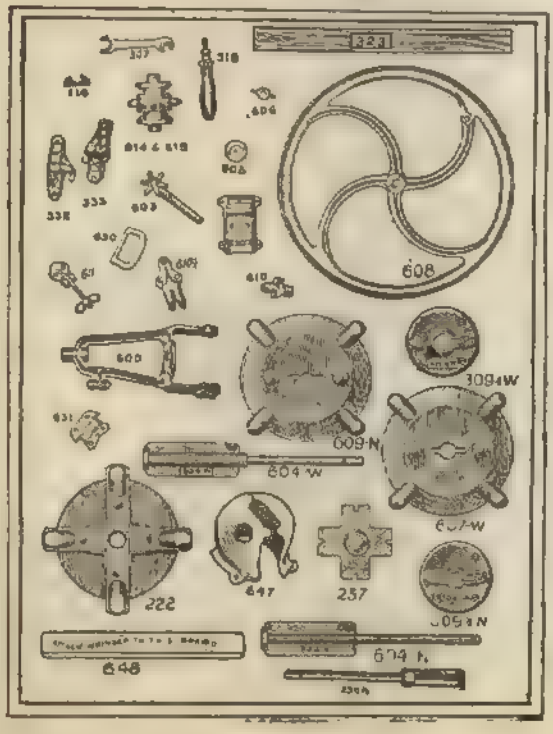
Each

Majestic—Best Virginia White Cedar Tub, Corrugated Sides and Bottom. Strong Solid Legs Fit Into Iron Sockets. Electric Welded Wire Hoops. High Grade Steel Roller Bearings, all Varnished Natural Finish. Aluminum Finished Gearing and Fly Wheel, Malleable Iron Drop Handles . . . . . $. .

This is the highest type of Rotary Washer. All materials used in their manufacture are of the best procurable. Has a large lid allowing entire top to be opened up making plenty of room for operator to put in and take out clothes.

Weight Each Crated 80 Pounds.

EXTRA PARTS FOR MAJESTIC ROTARY WASHING MACHINES



		Each
No. 114	—Spout	$0 12
No. 307	—Wrench	.20
No. 316	—Handle and Bolt	.25
No. 323	—Wood Leg	.20
No. 332	—Right Lug	.48
No. 333	—Left Lug	.48
No. 614–615	—Hub	1 25
No. 608	—Pinion (with Shaft)	.50
No. 605	—Dolly Guard (with Screw)	.20
No. 606	—Thumb Nut	.12
No. 608	—Fly Wheel	2 50
No. 609	—Leg Socket	.48
No. 610	—Universal Joint	.50
No. 610½	—Lift	.20
No. 611	—Catch	.30
No. 630	—Handle	.15
No. 631	—Clip	.15
No. 600	—Frame	1 25
No. 607W	—Six Peg Dolly, Wide Slot	.80
No. 3091/2W	—Plate, Wide Slot	.30
No. 604W	—Dolly Post, Wide	.50
No. 607N	—Six Peg Dolly, Narrow Slot	.80
No. 3001/2N	—Plate, Narrow Slot	.30
No. 604N	—Dolly Post, Narrow	.50
No. 222	—Four Peg Dolly, X Style	1.00
No. 237	—Dolly Plate, X Style	.40
No. 236½	—Dolly Post, X Style	.50
No. 647	—Stamped Steel Gear Cap	.40
No. 648	—Wood Wringer Board	.20

Means MB Best

No. 1298/54
Electric Chafing Dish

No. 3493
Coffee Percolator

Coffee Percolator

Manning-Bowman

COFFEE PERCOLATORS
AND
CHAFING DISHES

For the Range and with Alcohol Lamps and Electric Heaters

No 878
Relish Dish

No 1996
Casserole

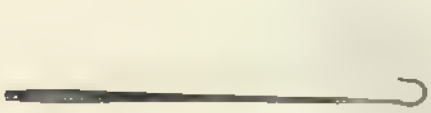
Casserole Dishes
Table Kettles
Alcohol Gas Stoves
Eclipse Bread Maker
Relish Dishes Trivet Trays
Tea Ball Tea Pots
Sandwich Trays
Salad Sets, etc.

No. 291
Cake Basket

MANNING-BOWMAN & CO.
MERIDEN, CONN.
NEW YORK CHICAGO SAN FRANCISCO

No. 1212
Electric Toaster

Gaff Hooks.



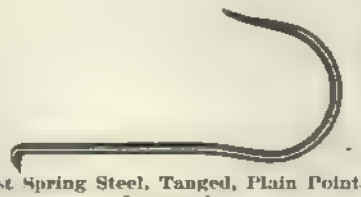
Best Spring Steel Hook, Plain Point, Japanned, Scored Handle, Coated with Rubber Enamel.

Per Dozen

No. 2—7x2 in. Hook, with 3 ft. Handle $8.00

Weight Per Dozen About 7½ Pounds.

One in a Paper Bag.



Best Spring Steel, Tanged, Plain Point, Japanned

Per Dozen

No. 01—7x3 in. $2.00

Weight Per Dozen About ¾ Pound

One Dozen in a Box.

No. 13.

Best Spring Steel Hook, Brass Screw Head and Socket, with Scored Grip Wood Handle, Stained and Varnished. Per Dozen

No. 13—7x3 in., Barbed Point Hook, 3 ft Handle... $15.60

No. 12 7x3 in, Plain Point Hook, 3 ft. Handle..... 14.50

Weight Per Dozen About 7½ Pounds.

One in a Paper Bag

Gaff Hooks.

COMBINATION, Jointed, Solid Rod, Nickel Plated Over Copper, Black Handle.

Per Dozen

No. 4—6½x2⅝ in. Hook, ⅜ in. Solid Rod, Length of Joints 8 in, Full Length 22 in $5 00

Weight Per Dozen About 6 Pounds.

One Dozen in a Box.

Fish Holders.

FISHERMAN'S FRIEND, Blued Spring Steel.

Per Dozen

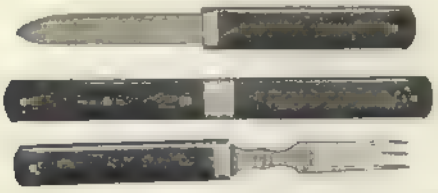
No. 40—5½ in. Long Over All..... $5 00

Weight Per Dozen About 1½ Pounds

Designed to assist fishermen in holding fish while extracting the hook. Constructed to force open the mouth of any fish from perch to musky or a dog fish

Open Stock.

Camping Knives and Forks.



Steel Blade, Cocobolo Handle, Brass Ferrule, Polished.

Per Dozen Sets

No. 67 3½ in Blade, Length when Telescoped or Closed 8 in $7.80

Weight Per Dozen About 2½ Pounds.

One-half Dozen Sets in a Box.

Fishermen's Knives.

RUSSELL'S, Steel Blade, Scored Cocobolo Handle, Lap Bolster.

Per Dozen

No. 1540 4¾ in Blade, with Leather Sheath ... $8 35

No. 1541 4¾ in Blade, without Leather Sheath ... 6.70

Approx. Weight Per Dozen 4½ Pounds.

One-half Dozen in a Box.

Canoe Knives.

MARBLE'S, Full Hollow Ground Steel Blade, Laminated Leather Handle, WITH LEATHER SHEATH.

Per Dozen

No. 51—4½ in. Long Blade, 3¾ in. Long Handle.....$40.00

Approx. Weight Per Dozen 4½ Pounds.

One-half Dozen in a Box.

Fish Knives.

MARBLE'S, Best Hand Tempered Steel Blade, Cocobolo Handle, German Silver Shield, with Thumb Rest and Leather Sheath. Per Dozen

No. 2—2½ in. Long Blade, 4½ in. Long Handle....$11.15

Weight Per Dozen About 2½ Pounds

One-half Dozen in a Box.

Fish Knives.

No. 200.

No. 200—Cast Steel Blade, Beechwood Handle.

Length Blade, Inches.....	3½	4	4½	5
Ap. Wt. Per Dozen, Lbs...	1	1¼	1½	2
Per Dozen	$4.50	4.50	4.50	4.50

One-half Dozen in a Box

Fish Balances.

Brass, Nckel Plated.

	Per Dozen
No. 10—Weighs 10 Pounds by ¼ Pound	$6 70
No. 20—Weighs 20 Pounds by ¼ Pound	8 90

Approx. Weight Per Dozen 7 Ounces.

No. 10, One Dozen; No. 20, One-half Dozen in a Box.

UTILITY, Nickel Plated.

	Per Dozen
No. 15—Weighs 15 Pounds by ¼ Pound	$4 50

This Scale can be made to register the net weight of goods weighed in a container by means of an inner adjustable tube.

Approx. Weight Per Dozen 8 Ounces

One-half Dozen in a Box.

Winding Silk.

Assorted Colors.

	Per Dozen
No. 10—100 Yards on a Spool	$2 00

Ap. Weight Per Dozen 2 Ounces.

One Dozen in a Box.

Rod Varnish.

Superior Quality.

	Per Dozen
No. 1—In Bottles, Put up Expressly for Varnishing Fish Rods	$4.50

Ap. Weight Per Dozen 3½ Pounds.

One Dozen in a Box.

Ferrule Cement.

DUTCH BRAND. For Fastening Fish Rod Ferrules.

	Per Dozen
No. 18—In 1 Ounce Wooden Boxes	$1.45

Ap. Weight Per Dozen 1 Pound.

One Dozen in a Box.

Fly Cream.

BITE-NO-MORE

In 2 Oz. Cans.

	Per Dozen
No. 5—White Label	$4.50
No. 15—Blue Label, Double the Strength of No. 5 and not so Fluid	4.50

Ap. Weight Per Dozen 2½ Pounds.

A Lotion to be applied to the Face, Neck, Hands and all exposed parts. Dries immediately, forming an invisible coating on the skin, through which Mosquitoes, Gnats, Black Flies and all other insects will not attempt to bite.

One Dozen in a Box.

WOOD'S IMPROVED LOLLACAPOP

A Paste Preparation.

	Per Dozen
No. 1—In Tin Boxes	$4 50

Ap. Weight Per Dozen 2 Pounds.

The greatest known Antidote for Mosquitoes, Black Flies, Gnats, etc. It is applied to the hand, wrist, face, neck and all exposed parts. Has a pleasant odor and is beneficial to the skin.

One Dozen in a Box.

Head Nets.

No. 3.

No. 13.

Mosquito and Black Fly Head Nets.

	Per Dozen
No. 3—Covered Metal Spring Hoops with Close Mesh Green Netting. Approx. Weight Per Dozen 1½ Lbs	$10.00
No. 13—Egyptian White Netting, Close Woven Horsehair Front with Rubber Mouth Piece so a Pipe or Cigar can be Used. Rubber Elastic at Top that Will Fit Any Hat, Draw Strings at Bottom. Approx. Weight Per Dozen 2 Lbs.	10.00

One Dozen in a Box.

Sunshade Hats.

No. 2

No. 1

Collapsible, Brown Canvas, Adjustable to Any Size.

	Per Dozen
No. 1—Lined with Green, in Pocket Case	$4.50
No. 2—Lined with Green Mosquito Netting, Shield in Pocket Case	6 70

Approx. Weight Per Dozen 2¼ Pounds.

One Dozen in a Box.

MARBLE'S GAME-GETTER GUN

" TWO GUNS IN ONE ONE GUN FOR ALL GAME "

The Game Getter was designed for use when a large gun could not be carried and when any other one arm would not suffice.

The upper barrel handles all lengths of .22 [illegible] and the lower barrel .41 [illegible] .41 [illegible] Game Getter [illegible] barrel can be replaced with 410 gauge shell [illegible] .22 rifle barrel.

You can go large game hunting or big game hunting or small game hunting and target practice without using expensive ammunition.

The stock [illegible] holds up—or detaches. With [illegible] hung on [illegible] Getter [illegible] comfortably carried [illegible] removed and [illegible] or another. A pull on the stock [illegible] locks it [illegible] and you have a gun of full proportions. A push [illegible] striker set [illegible] for other firing [illegible] may be set [illegible] "safe" position so that the hammer will not [illegible] cartridge even if drawn back and snapped. Price of Game Getter [illegible] barrel shown later.

		List	Net
No. B12.	12-inch barrel, [illegible]	$15 00	$13 50
No. B15.	15-inch barrel, [illegible] as No. B12	16 00	14 50
No. B18.	18-inch barrel, [illegible] as No. B12	17 00	15 50
No. A12.	12-inch barrel, Marble [illegible] with target [illegible]	18 00	16 50
No. A16.	15-inch [illegible] as No. A12	19 00	17 50
No. A18.	18-inch barrel, [illegible] as No. A12	20 00	18 50

STEVENS SINGLE SHOT PISTOLS

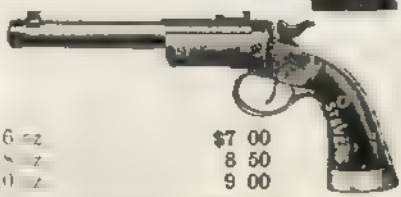
"TIP-UP" PISTOLS

Stevens "Tip-up" single shot pistol has [illegible] plate [illegible] and [illegible] rifled to do good work. Chambered for .22 short rim-fire cartridge, weight 8 oz.

No. 41S. 3½-inch barrel..... $3 00

OFF-HAND TARGET PISTOL

Has round barrel with octagon breech [illegible] barrel and frame; walnut stock. For .22 short, .22 long rifle R. F., or .25 Stevens R. F. cartridges. Equipped with [illegible] rear and bead [illegible]



No. 35S.	6-inch barrel	Weight 1 lb. 6 oz.	$7 00
No. 35S.	8-inch barrel	Weight 1 lb. 8 oz.	8 50
No. 35S.	10-inch barrel	Weight 1 lb. 10 oz.	9 00

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

Repeating Rifles.

STEVENS', VISIBLE LOADING

Visible Loading, One Piece Magazine Tube and Breech Block, Case Hardened Frame, Varnished Stock and Handle, Rubber Butt Plate, Rocky Mountain Front and Sporting Rear Sight.

Each

No. 70—22 Caliber Short, Long and Long Rifle Rim Fire Cartridges, 20 in. Round Barrel.....$12.75

Magazine holds Fifteen 22 Short, Twelve 22 Long and Nine 22 Caliber Long Rifle Cartridges.

Marble's Game Getter Guns.

TARGET RIFLE OR PISTOL

Each

No. A —22 Caliber Rim Fire and 44 Caliber Center Fire Cartridges, 12 in. Round Blued Barrels, Drop Forged Blued Frame, Single Trigger, Rubber Grips, Nickeled Steel Tubing Stock, Weight 2¼ Lbs., Equipped with Marble's Flexible Rear Sight, Lock Leaf Sight and Ivory Bead Sight, Finest Case Leather Holster.....$30.00

No. B—As Above, without Flexible Rear Sight, but with Blank 25.00

Construction and Uses.

Marble's Game Getter gun can be opened as quick as a wink, but never accidentally.

Either barrel is used without any change of sight or adjustment.

The Striker on Hammer is quickly set with the thumb for either barrel or at Safe. The Folding Stock locks automatically at any drop for which it is set. Is easily removed

With the Holster hung over shoulder and under coat the **Game Getter** is invisible, but can be speedily drawn and very handily used in one hand with stock hanging down or thrown to position. In either place the stock only aids in the balance of the gun

Marble's Game Getter is the ideal arm for Fisherman, Motorist and Vacationist, and all classes of people whose business or pleasure calls them to the woods, fields or waters.

Target Rifles.

SAVAGE, JUNIOR MODEL 1904, SINGLE SHOT

Take Down.

Each

No. 19048 22 Caliber Short, Long and Long Rifle Rim Cartridge, 18 in. Round Steel Barrel, American Walnut Shot Gun Butt Stock, Weight About 3 Lbs..... $6.35

The Closing Knob Automatically Cocks the Rifle and after the Cartridge has been fired, the opening movement again automatically Ejects the Empty Shell

SAVAGE, MODEL 1905, SINGLE SHOT

Style "C," Take Down.

Each

No. 19058 22 Caliber Short, Long and Long Rifle Rim Fire Cartridge, 22 in. Heavy Round Steel Barrel, Shot Gun Butt Stock, Adjustable Rear Sight, Metal Bead Front Sight, Weight About 4¾ Lbs..... $8.90

SAVAGE, TARGET MODEL, SINGLE SHOT

Take Down.

Each

No. 19038—22 Caliber Short, Long and Long Rifle Rim Fire Cartridge, 22 in. Heavy Round Steel Barrel, Swiss Butt Plate, Savage Micrometer Rear Sight, Ivory Bead Front Sight, Weight About 4¾ Lbs.....$10.55

These Rifles can be taken down easily by unscrewing the Thumb Screw underneath the Fore Arm, which releases the barrel and action from the stock.

Repeating Rifles

SAVAGE FEATHERWEIGHT, MODEL 1899. THE IMP

Take Down, Hammerless.

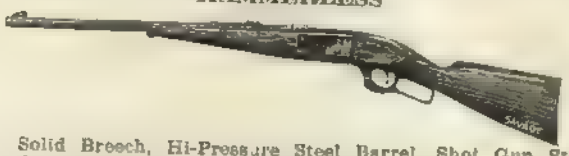
Solid Breech Bolt, High Pressure Steel Barrel, Shot Gun Style Stock, Rubber Butt Plate, with Wind Gauge Sight.

	Each
No. 518-S—22 Caliber High Power Center Fire Cartridge, Round Tapered Barrel, 6 Shots, Weight About 6¼ Lbs.	$14 95

The Velocity (2800 Feet Per Second) is 100 Feet Per Second Higher than the Velocity of the United States Springfield Magazine Rifle.

Its Trajectory is so Flat that it may be shot accurately up to 350 yards without changing from the point-blank adjustment of sights.

SAVAGE FEATHERWEIGHT, MODEL 1899, HAMMERLESS



Solid Breech, Hi-Pressure Steel Barrel, Shot Gun Style Stock, Rubber Butt Plate, with Wind Gauge Sight.

	Each
No. 512—303 Caliber C. F. Smokeless Cartridge, 20 in. Round Tapered Barrel, 6 Shots, Weight 6 Lbs.	$40.50
No. 513—30-30 Caliber C. F. Smokeless Cartridge, 20 in. Round Tapered Barrel, 6 Shots, Weight 6 Lbs.	40.50
No. 514—25-35 Caliber C. F. Smokeless Cartridge, 20 in. Round Tapered Barrel, 6 Shots, Weight 6 Lbs.	40.50

SAVAGE FEATHERWEIGHT, MODEL 1899, TAKE DOWN, HAMMERLESS

Solid Breech Bolt, Hi-Pressure Steel Barrel, Shot Gun Style Stock, Rubber Butt Plate, with Wind Gauge Sight.

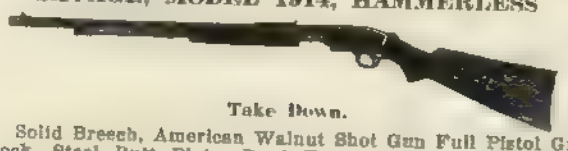
	Each
No. 515—303 Caliber C. F. Smokeless Cartridge, 20 in. Round Tapered Barrel, 6 Shots, Weight 6 Lbs.	$44.95
No. 516—30-30 Caliber C. F. Smokeless Cartridge, 20 in. Round Tapered Barrel, 6 Shots, Weight 6 Lbs.	44.95
No. 517—25-35 Caliber C. F. Smokeless Cartridge, 20 in. Round Tapered Barrel, 6 Shots, Weight 6 Lbs.	44.95

SAVAGE, MODEL 1899, CARBINES

Solid Breech, with Sling Ring and Wind Gauge Sight.

	Each
No. 5000—303 Caliber Center Fire Cartridge, 20 in. Round Steel Barrel, 6 Shots, Weight 7¼ Lbs.	$33 85
No. 5020—30-30 Caliber Center Fire Cartridge, 20 in Round Steel Barrel, 6 Shots, Weight 7¼ Lbs.	33.85

SAVAGE, MODEL 1914, HAMMERLESS

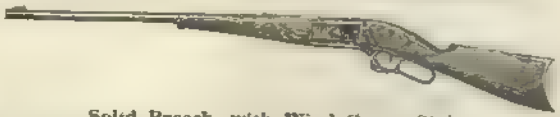


Take Down.

Solid Breech, American Walnut Shot Gun Full Pistol Grip Stock, Steel Butt Plate, Bead Front and Adjustable Wind Gauge Rear Sight.

	Each
No. X508—22 Caliber Short, Long or Long Rifle Cartridges, 24 in. Octagon Steel Barrel, Magazine Holds Twenty 22 Short, Seventeen 22 Long or Fifteen 22 Long Rifle Cartridges, Weight About 5¾ Lbs.	$21.65

SAVAGE, MODEL 1899, HAMMERLESS



Solid Breech, with Wind Gauge Sight.

	Each
No. 500—303 Caliber C. F. Smokeless Cartridge, 26 in Round Barrel, 6 Shots, Weight About 7½ Lbs.	$33 85
No. 501—303 Caliber C. F. Smokeless Cartridge, 26 in Octagon Barrel, 6 Shots, Weight About 7¾ Lbs.	36 10
No. 502—30-30 Caliber C. F. Smokeless Cartridge, 26 in. Round Barrel, 6 Shots, Weight About 7½ Lbs.	33 85
No. 503—30-30 Caliber C. F. Smokeless Cartridge, 26 in. Octagon Barrel, 6 Shots, Weight About 7¾ Lbs.	36.10
No. 506—25-35 Caliber C. F. Smokeless Cartridge, 26 in. Round Barrel, 6 Shots, Weight About 7½ Lbs.	33 85
No. 507—25-35 Caliber C. F. Smokeless Cartridge, 26 in. Octagon Barrel, 6 Shots, Weight About 7¾ Lbs.	36 10
No. 508—32-40 Caliber C. F. Smokeless Cartridge, 26 in. Round Barrel, 6 Shots, Weight About 7½ Lbs.	33.85
No. 509—32-40 Caliber C. F. Smokeless Cartridge, 26 in Octagon Barrel, 6 Shots, Weight About 7¾ Lbs.	36 10
No. 510—38-55 Caliber C. F. Smokeless Cartridge, 26 in Round Barrel, 6 Shots, Weight About 7½ Lbs.	33 85
No. 511—38-55 Caliber C. F. Smokeless Cartridge, 26 in Octagon Barrel, 6 Shots, Weight About 7¾ Lbs.	36.10

SAVAGE, MODEL 1899, HAMMERLESS

Take Down.

Solid Breech, with Wind Gauge Sight.

	Each
No. 519—25-35 Caliber C. F. Smokeless Cartridge, 26 in. Round Barrel, 6 Shots, Weight About 7¾ Lbs.	$38 30
No. 520—303 Caliber C. F. Smokeless Cartridge, 26 in Round Barrel, 6 Shots, Weight About 7¾ Lbs.	38 30
No. 522—30-30 Caliber C. F. Smokeless Cartridge, 26 in. Round Barrel, 6 Shots, Weight About 7¾ Lbs.	38 30

SAVAGE, MODEL 1903, HAMMERLESS

Take Down.

Solid Top, Side Ejection, Pistol Grip Stock.

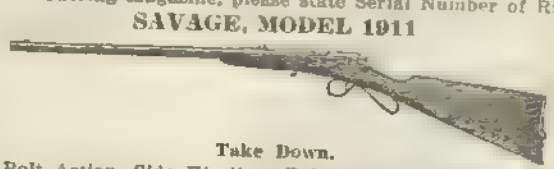
	Each
No. X505—22 Caliber Short, Long, and 22 Caliber Long Rifle Cartridges, 24 in. Octagon Barrel, 7 Shots, Weight About 5¼ Lbs.	$21.65

MAGAZINES

	Each
Extra Magazines—Complete, for 22 Short, Long and Long Rifle Cartridges	$0 45

Old Style and New Style Magazines cannot be interchanged When ordering Magazine, please state Serial Number of Rifle

SAVAGE, MODEL 1911



Take Down.

Bolt Action, Side Ejection, Full Form Genuine American Walnut Butt Stock, Shot Gun Steel Butt Plate

	Each
No. X507—22 Caliber Short Rim Fire Cartridge, 20 in. Round Barrel, 20 Shots, Weight About 4 Lbs.	$11.10

Hunting Knives.

MARBLE'S SAFETY

No. 83—Safety Knife, Open.

No. 83—Safety Knife, Closed.

Folding.

	Per Dozen
No. 83—4¼ in. Blade, Stag Side Plates, Weight 4 Oz., with Sheath	$53.30
No. 85—5 in. Blade, Heavy Hollow Ground, Stag Side Plates, Weight 6 Oz. with Sheath	71 10

These Folding Knives are intended either to be carried in the Pocket or at the Belt.

Hunting Knives.

MARBLE'S CANOE

Leather Handle.

	Per Dozen
No. 51—4½ in. Razor Steel Blade, Full Hollow Ground, 3¾ in Laminated Leather Handle, Buckhorn Butt, Weight with Sheath 5 Oz.	$40.00

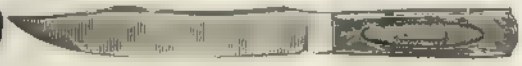
MARBLE'S IDEAL

Laminated Leather Handle.

	Per Dozen
No. 40—5 in. Razor Steel Blade, Hollow Ground, Stag Butt, Finely Finished Leather Sheath, Weight with Sheath 6 Oz.	$40.00
No. 41—6 in. Razor Steel Blade, Hollow Ground, Otherwise Same as No. 40	44.40

Safety Carvers.

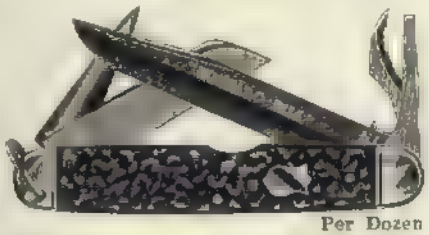
MARBLE'S



Folding.

	Per Dozen
No. 76—8 in Razor Steel Blade, German Silver U Shaped Handle Sections, Heavily Reinforced at End Where Blade Bears on Them, Weight 4 Oz.	$22.25

HUNTING



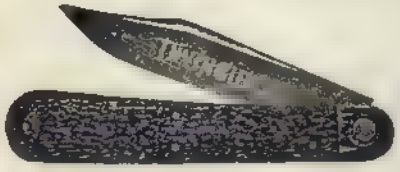
	Per Dozen
No. 4018—4 in Clip Blade, 2½ in. Spey Blade, Punch Blade and Can and Bottle Opener, Crocus Polished, Stag Handle, German Silver Bolsters and Shield, Brass Lined, with Chain Ring	$35 55

Weight Per Dozen About 6 Pounds

Pocket Knives.

Cuts Half Size

PUSH BUTTON HUNTING



	Per Dozen
No. 1000—4 in. Blade, Crocus Polished, Stag Handle, Steel Lined, German Silver Bolsters, Push Button Lock	$15 50

Weight Per Dozen About 4 Pounds. One-half Dozen in a Box.

	Per Dozen
No. 1005—4 in. Blade, Crocus Polished, Stag Handle, German Silver Bolster, Steel Lined, Push Button Lock, with Guard	$17 80

Weight Per Dozen About 4 Pounds One-half Dozen in a Box

HUNTING

	Per Dozen
No. 1017—3 in. Blade, Crocus Polished, Stag Handle, German Silver Bolsters and Shield, Brass Lined, with Chain Ring	$8.90

Weight Per Dozen About 4 Pounds. One-half Dozen in a Box.

WESTERN DEER FOOT HUNTING

	Per Dozen
No. C1100—3¾ in Blade, Deer Foot Handle, Brass Lined, German Silver Guard, Bolster and Cap	$17.80

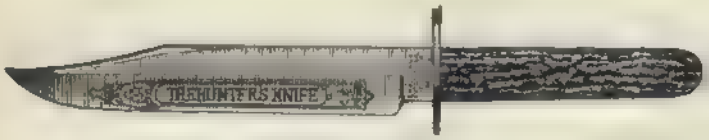
Weight Per Dozen About 4 Pounds One-half Dozen in a Box.

DEER FOOT HUNTING

	Per Dozen
No. 6023—4¾ in Blade, with Cork Screw, Deer Foot Handle, Brass Lined, German Silver Guard, Bolster and Cap	$37 75

Weight Per Dozen About 5 Pounds

HUNTING



With Leather Sheath.

	Per Dozen
No. 265—5 in. Cast Steel Blade, Stag Handle, Nickel Silver Guard. Wt. Per Dozen About 4 Lbs.	$16.65
No. 265—6 in. Cast Steel Blade, Otherwise as Above	18.90
Extra Leather Sheaths	3.90

Safety Saws.

MARBLE'S

Folding.

	Per Dozen
No. 77—8 in. Blade, Weight 4 Oz	$17 80

The Marble's Safety Saw is folded and constructed the same as the Safety Carver, except that the blade, when folded, is held by an inside clasp

Extra Quality Cast Steel.

Per Dozen

No. EH1—Gun Metal Finish, Polished Cutting Edge, 16 in Extra Hickory Handle Weight Each 1½ Lbs.....$12.25
One-half Dozen in a Box.

Extra Quality Cast Steel.

Per Dozen

No. EH1 Gun Metal Finish, Polished Cutting Edge, 13 in. Extra Hickory Handle, Weight Each 1¼ Lbs.....$12.50
One-half Dozen in a Box

Boy Scout Axes.

VULCAN

Extra Quality Cast Steel.

Per Dozen

No. 500—Ebonite Finish, Polished Cutting Edge, 13 in. Extra Hickory Fawn Foot Handle, Weight Each with Handle, 1½ Lbs.. without Sheath $11.70

No. 100—Sheath for Above, 4x6 in., Russet Leather, with Button Clasp, Weight Each ¼ Lb..... 6.70
One-half Dozen in a Box.

Solid Tool Steel Blade, with Claw.

Per Dozen

No. 2½—2⅜x4 in. Blade, 11 in Long Nickel Plated Drop Forged Steel Handle, Engraved Hard Rubber Side Plates, Nickel Plated Steel Guard, Weight Each 20 Oz $48 85
One-sixth Dozen in a Box.

Hunters' Hatchets.

CLIPPER

Extra Cast Steel.

Per Dozen

No. 1—Silver Bronzed, Polished Cutting Edge, 16 in No. 1 Hickory Handle, Weight Each 1½ Lbs.....$11.70
One-half Dozen in a Box

Sportsmen's Hatchets.

CLIPPER

Best Quality Cast Steel.

Per Dozen

No. 01—Silver Bronzed, Polished Cutting Edge, 13 in. No. 1 Hickory Handle, Weight Each 1¼ Lbs.....$11.10
One-half Dozen in a Box.

PEERLESS

16 in. Extra Hickory Handle.

Per Dozen

No. 11—Extra Cast Steel, Gold Bronzed, Polished Cutting Edge, Weight Each 1½ Lbs $11.70

BLACK WARRIOR

Cast Steel.

Per Dozen

No. 00—Black Finish, Polished Cutting Edge, 13 in. Hickory Handle, Weight Each 1 Lb.....$10.00

No. 0 Black Finish, Polished Cutting Edge, 13 in. Hickory Handle, Weight Each 1½ Lbs. 10 55
One-half Dozen in a Box

Hunting Axes.

MARBLE'S SAFETY

Solid Tool Steel Blade.

Per Dozen

No. 3—2½x4⅜ in. Blade, 12 in. Long Nickel Plated Drop Forged Steel Handle, Engraved Hard Rubber Side Plates, Nickel Plated Steel Guard, Weight Each 27 Oz. $53 30
One-sixth Dozen in a Box.

Solid Tool Steel Blade.

Per Dozen

No. 2—2⅜x4 in. Blade, 11 in. Long Nickel Plated Drop Forged Steel Handle, Engraved Hard Rubber Side Plates, Nickel Plated Steel Guard, Weight Each 20 Oz. $44.40
One-sixth Dozen in a Box.

Hunting Axes.

MARBLE'S SAFETY

Solid Tool Steel Blade.

Per Dozen

No. 5—2½x4½ in. Blade, 11 in. Long Hickory Handle, Nickel Plated Steel Guard, Weight Each 16 Oz.....$26.65
One-sixth Dozen in a Box.

Solid Tool Steel Blade.

Per Dozen

No. 6—2⅞x4¾ in. Blade, 12 in. Long Hickory Handle, Nickel Plated Steel Guard, Weight Each 20 Oz.....$26 65
One-sixth Dozen in a Box.

Marble's Hunting Axes are made from finest Tool Steel, sharpened to a fine cutting edge and protected by a patented metal guard, which folds back into a groove in the under side of the handle when the Axe is in use. At other times it fits close over the edge of blade, protecting it and user from injury The metal guard is lined with lead so that the cutting edge of Axe cannot be dulled.

MARBLE'S SAFETY POCKET AXES

The Marble [illegible] axes [illegible] guard [illegible] pocket [illegible] the [illegible] and [illegible] all [illegible] [illegible] [illegible]

HUNTING AND SKINNING KNIVES

MARBLE WOODCRAFT HUNTING KNIFE

A new design embodying all of the essential features necessary for sticking, skinning, cutting up, breaking bones, and for all-round woods use.

The bevel blade is thick at back and tapers to the point. This allows it to serve the purpose of a thin blade and still possess more strength than is usually found in any but much heavier knives. The blade is 4½ inches, handle 3¾ inches, weight 5 ounces.

No. **49.** Leather handle with No. 39 sheath.....List $1.50 Net **$1.35**
No. **50.** Staghorn handle with No. 39 sheath.....List 2.00 Net **1.75**

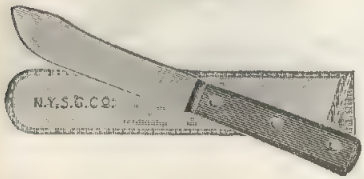
DE WEESE KNIFE

This knife was designed by Dall De Weese, one of the most successful big game hunters in the United States.

It has a dull saw back on which the thumb is placed when skinning or cutting hard substances. When sticking, the little finger should be doubled up, letting the end of handle rest against it. This takes the place of a hilt. 4-inch blade; 3¼-inch handle; weight 4 ounces.

No. **62.** Stag handle.....List $1.75 Net **$1.60**

CAVE BUTCHER KNIFE



A good low-priced camp knife. Regularly supplied in our "Cave" cooking kit. Varnished wood handle, 4½-inch blade.

No. **C4.** With canvas sheath.. **$ .25**

UTILITY KNIFE

A good knife for your cook kit and may be used for sticking and skinning. Five-inch blade, "Ebonite" suction grip handle, weight 3¼ ounces.

No. **S5.** With leather sheath... **$ .50**

EXTRA KNIFE SHEATHS

When ordering be sure and give length of blade and make of knife.

No. **34.** "Marble" sheath with metal point protector.. List $ .50 Net **$ .45**
No. **39.** Hilt sheath. Leather band with snap fastener which holds knife securely .....List .50 Net **.45**
No. **4S.** Canvas sheath without belt loops..... **.10**

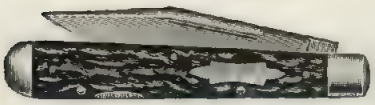
Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

MARBLE SAFETY FOLDING HUNTING KNIFE

A knife for the sportsman, who wants a pocket-knife that is heavy, strong and rigid. As a sheath to fit it when folded is furnished, it can be carried on the belt when desired. Has a long blade with a short handle—the extension guard acting as a safety lock when open. The guard and blade is held in position by a spring when either open or closed. The blades have bone chopper at back.

No. **63.** Blade 4½ inches, weight 4 ounces.....List $3.00 Net **$2 75**
No. **85.** Blade 5 inches, weight 6 ounces.....List 4.00 Net **3.60**

SALISBURY HAND FORGED KNIFE



The blades are hand forged from very best English Steel and are tested and warranted perfect. Excellent not only as a pocket knife, but for sticking and skinning. It has a 3¼ inch blade and a device whereby the blade may be locked when opened. Stag handle with metal reinforcements at end.

No. **92.** Over-all length 4½ inches.....**$1.25**

"BUFFALO BILL" KNIFE

A handy knife for every man or boy and especially suitable for sportsmen. The extra large and strong handle is made of genuine stag. In addition to the large blade, which is 3¾ inches long, there is a small blade, a can opener, a bottle opener and a punch or reamer. Fitted with a ring for attaching to chain or thong. A quality knife for rough-and-ready use.

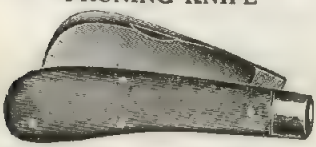
No. **BB.** Length 5 inches..... **$2.50**

"BUSINESS" KNIFE

A one-blade jack knife intended for hard usage. Blade is 3 inches long and flies open when you press the button and is locked to prevent "doubling back" when being used.

No. **510.** 3-inch blade.....**$ .85**

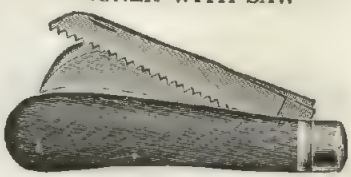
PRUNING KNIFE



Called a pruning knife but handy for many purposes. The blade is wide and curved, three inches long.

No. **G7.** Length 3⅞ inches..... **$ .50**

PRUNER WITH SAW



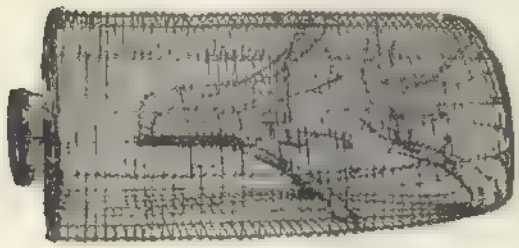
With blade like the "Pruner" but longer and a 3½-inch saw as well.

No. **G10.** Length 4 inches..... **$1.00**

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

Rat Traps.

GENUINE MARTY



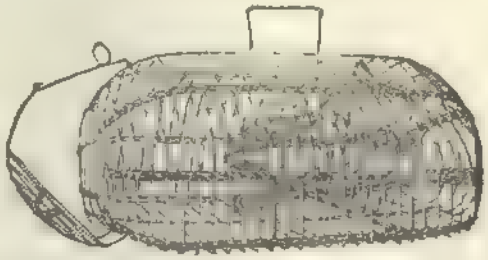
Genuine Marty, Coppered Iron Wire.

Per Dozen

No. 8½—16 in. Long, 9½ in. Wide, 8 in. High, Weight Per Dozen About 20 Lbs. $12 80

One-half Dozen in a Crate.

SURPRISE



Surprise, Nine Coppered Flat Steel Ribs, No. 17 Coppered Wire Mesh, Patent Flange Around Opening, Lacquered.

Per Dozen

No. 8—15½ in. Long, 8½ in. Wide, 6¾ in. High, Weight Per Dozen About 28 Lbs. $0 70

One-half Dozen in a Crate.

HOLDFAST

Holdfast, Eleven Flat Coppered Steel Ribs No. 16 Coppered Wire Mesh, Square Ends, Safety Door.

Per Dozen

No. 9—19 in. Long, 10½ in. Wide, 8 in. High, Weight Per Dozen About 45 Lbs. $9 50

One-half Dozen in a Crate.

STAR

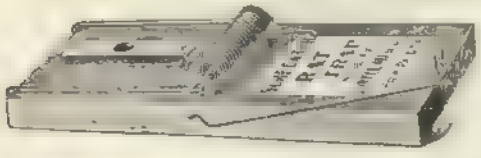
Star, Tempered Steel Wire Spring, Tinned, Hard Maple Base, Oil Stained

Per Dozen

No. 10—6x4 in. Base, 6x2¾ in. Upright, Weight Per Dozen About 18 Lbs. $2 25

One Dozen in a Crate.

SURE CATCH



Sure Catch, Coppered Tempered Steel Spring, Hardwood Base

Per Dozen

No. 25—7x3½ in. Base, Weight Per Dozen About 7 Lbs. $1 25

One Dozen in a Box

No. 25B.

In Galvanized 1 Bushel Basket.

Per Basket

No. 25B—Basket Contains 3 Dozen No. 25, 7x3½ in. Rat Traps, Weight Per Basket About 33 Lbs. $6.50

OFFICIAL

Official, Double Action Trigger, Extremely Sensitive, Heavy Spring, Hardwood Base.

Per Dozen

No. 18—7x3⅛ in. Base, Weight Per Dozen 5½ Lbs. ... $1.70

The Trigger of the Official Rat Trap is released by either Upward or Downward Pressure.

One Dozen in a Carton

Mole Traps.

Rittenhouse, Self-Setting, Tinned Steel Frame, Spring Steel Spears, Steel Wire Spring.

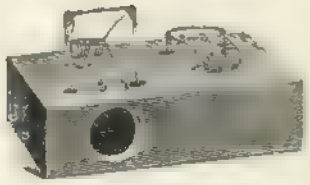
Per Dozen

No. 10—16½ in. Long, with 4⅛ in. Thrust, Weight Per Dozen 30 Lbs. .. $12.25

One-half Dozen in a Crate.

Mouse Traps.

WOOD CHOKER

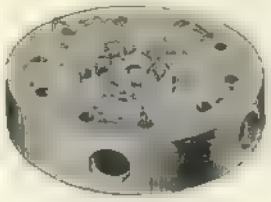


Square Red Stained Wood Base, Coppered Tempered Steel Spring

Nos.	201	202	203
No. of Holes	1	2	3
Size Base, In.	2⅜x2¼	3¼x4	2¼x5
Wt. Dozen Lbs.	1¾	2½	3
Per Dozen	$0 28	56	.84

One Dozen in a Bund'e.

WOOD CHOKER



Round, Red Stained Wood Base, Coppered Tempered Steel Spring.

Nos.	204	205	206
Number of Holes	4	5	6
Diam. Base, In.	4½	5	5½
Wt. Dozen, Lbs.	4	4½	5½
Per Dozen	$1 12	1.40	1.68

One Dozen in a Bundle

TIN CHOKER

Stamped Tin Base, Coppered Wire Springs.

Per Dozen

No. 35—5 Hole, 4⅜ in. Diameter, 1⅛ in. High, Weight Per Dozen 1¾ Lbs. $1 35

One Dozen in a Bundle.

MASCOTTE

MASCOTTE, Red Stained Wood Box, Tin Bottom, Lacquered Metal Front, Self-Setting.

Per Dozen

No. 40—5⅛x3⅜x2⅝ in., Weight Per Dozen 9 Lbs. $1.90

Open Stock.

FRENCH PATTERN

Seven Coppered Flat Steel Ribs, No. 19 Coppered Wire Mesh, Patent Flange Around Opening, Lacquered.

Per Dozen

No. 5—9 In. Long, 5 In. Wide, 4 In. High, Weight Per Dozen 6 Lbs. $5.00

One-half Dozen in a Package.

OFFICIAL

OFFICIAL, Double Action Trigger, Extremely Sensitive, Heavy Spring, Hardwood Base.

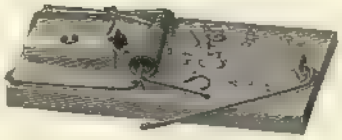
Per Dozen

No. 8—3⅞x1⅞ In. Base, Weight Per Dozen 1 Lb. $0.56

The Trigger of the Official is released by either upward or downward pressure.

One Dozen in a Carton.

SURE CATCH



SURE CATCH, Copper Tempered Steel Spring, Hardwood Base.

Per Dozen

No. 15—3⅞x2 In. Base, Weight Per Dozen 1¼ Lbs. $0.25

One Dozen in a Box.

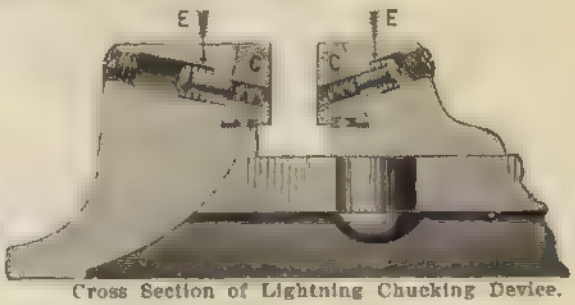
In Galvanized 1 Bushel Basket.

Per Basket

No. 15B—Basket Containing 2½ Gross No. 15, 3⅞x2 In. Mouse Traps, Weight Per Basket 33 Lbs. $7.70

VISES

MASSEY PLANER, MILLING MACHINE, SHAPER AND DRILL PRESS



Cross Section of Lightning Chucking Device.

Equipped with Lightning Chucking Device.

The Lightning Chucking Device chucks all work automatically and instantly. When a piece of work either straight or taper is chucked beveled steel jaws are forced down and carry the work with them onto the bed of the vise Hence hammering, squaring or setting is unnecessary A piece of work can be chucked and made ready for the tool to operate within thirty seconds.

The front jaw is adjustable to all shapes of work.

For drill press work the long slot in the center of the vise is open thus giving the drill a free range

This vise is particularly serviceable on a moving table for surface grinding.

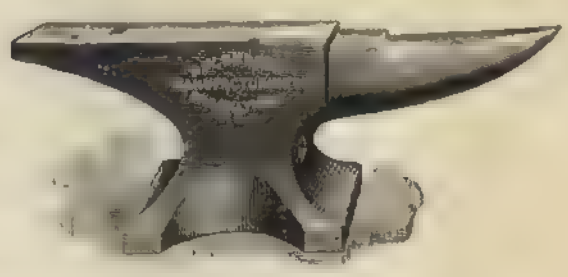
Nos.	41	42	43	44	46	47	48
Width of Jaws, Inches	4	4	5	5	8	8	8
Depth of Jaws, Inches	1 ⅛	2	1 ½	3	2	2	2
Jaws Open, Inches	9 ¼	9 ¼	11 ¾	11	9 ½	11 ½	13 ½
Weight Each, Lbs	38	43	65	80	150	165	176
Each	$15.00	17.00	20.00	25.00	45.00	47.00	49.00

ANVILS

PETER WRIGHT'S BLACKSMITHS'

	Per Pound
80 to 350 Lbs.	Base, $

These Anvils are warranted and are made by Peter Wright & Sons. Stowbridge, England.



HAY-BUDDEN BLACKSMITHS'

	Per Pound
90 to 250 Lbs.	Base, $

Every genuine Hay Budden' Anvil is made of the best American wrought iron and faced with best crucible cast steel

Every genuine 'Hay Budden' Anvil is made by the latest improved methods. Top and bottom are each one solid piece and welded at the waist

The steel faces to these anvils are all put on in one solid piece; not in two or more pieces, as is customary with most anvils.

APPROXIMATE DIMENSIONS OF GENERAL BLACKSMITHS' ANVILS

Weight, Lbs.	Face, Inches	Horn, Inches	Hardie Hole	Pritchel Hole	Weight Lbs.	Face, Inches	Horn, Inches	Hardie Hole	Pritchel Hole
10	2 x 6	3 ½	½	⅜	175	4 ¼ x17	11	1	¾
20	2 ¼ x 7	4	⅝	⅜	200	4 ½ x18	11 ½	1 ⅛	¾
30	2 ½ x 8	5	⅝	⅜	250	4 ¾ x20	12 ½	1 ¼	⅞
40	2 ¾ x 9	6	¾	⅜	300	5 x21	13	1 ¼	⅞
50	3 x 9 ½	6 ½	¾	⅜	350	5 ½ x23	13 ½	1 ¼	⅞
60	3 ¼ x10	7	¾	⅜	400	6 x23	14 ½	1 ⅜	⅞
70	3 ⅜ x11	7 ½	¾	⅜	450	6 ½ x24	15 ½	1 ⅜	⅞
80	3 ½ x12	8 ½	¾	⅜	500	6 ¾ x25	16	1 ½	⅞
100	3 ⅝ x13 ½	9	⅞	½	600	7 x26	17	1 ½	1
125	3 ¾ x15	10	⅞	½	700	7 ½ x27	18	1 ¾	1 ⅛
150	4 x16 ½	10 ½	⅞	½	800	8 x28	19	1 ¾	1 ⅛

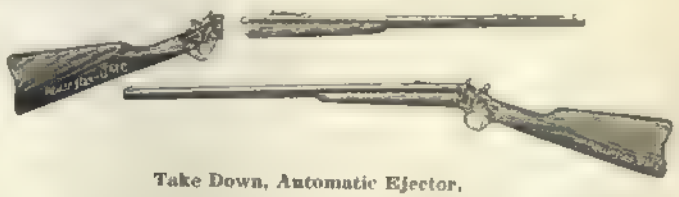
Hardie Hole Sizes on all lists indicate size of tool that Hardie Hole will take.

Target Rifles.

REMINGTON, NEW MODEL

Take Down.

	Each
No. 6—22 Caliber, 20 in. Tapered Decarbonized Steel Barrel, Open Front and Rear Peep Sight, Shoots 22 Short, Long and Long Rifle Rim Fire Cartridges, C. B. and B. B. Caps, Weight About 3¾ Lbs.	$5.60
No. 06—32 Caliber, 20 in. Tapered Decarbonized Steel Barrel, Open Front and Rear Peep Sights, Shoots 32 Caliber Rim Fire Cartridges, Weight About 3¾ Lbs.	5.60



Take Down, Automatic Ejector.

	Each
No. 4—22 Caliber, 22½ in. Tapered Octagon Steel Barrel, Open Sights, Shoots 22 Short, Long and Long Rifle Rim Fire Cartridges, Weight About 4¼ Lbs.	$9.50
No. 14R—32 Caliber, 24 in. Tapered Octagon Steel Barrel, Open Sights, Shoots 32 Short or Long Rim Fire Cartridges, Weight About 4¼ Lbs.	8.50

Maxim Silencers.

Complete with Coupling.

	Each
Maxim Silencer—For 22 Caliber Rifles, Weight About 5 Oz.	$8.35

Can be fitted to any 22 Caliber Rifle in a few minutes. Annuls entirely the concussion and report noise and reduces recoil over two-thirds.

When Ordering, Specify Make and Model of Rifle.

Air Rifles.

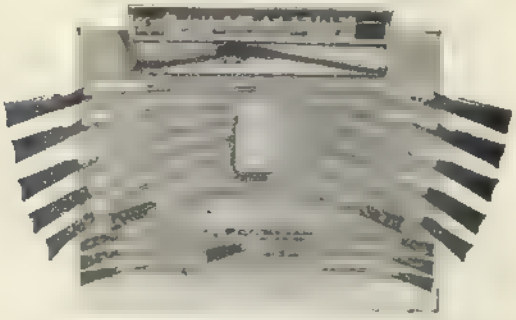
LITTLE DAISY POP GUN

Nickel Plated Steel Barrel.

	Per Dozen
No. 10—15 in. Long Over All, Walnut Stock, Shoots a Cork and Makes a Loud Noise with Absolutely no Danger, Weight 7 Oz.	$3.35

Air Rifles.

DAISY ASSORTMENT



	Per Assortment
Daisy Assortment—Consists of 19 Daisy Air Rifles and One Target, as Enumerated Below.	$24.15

Contents of Assortment:

			Retail Value
1	No. B3, Special	@ $2.50 Each	$2.50
2	No. 45, 1,000 Shot	@ 2.00 Each	4.00
2	No. 44, 500 Shot	@ 1.75 Each	3.50
2	No. 43, Repeaters	@ 1.25 Each	2.50
2	No. 42, Single Shot	@ 1.00 Each	2.00
2	No. 41, Little Daisy	@ .50 Each	1.00
2	No. 14, Big Daisy Pop	@ .50 Each	1.00
6	No. 40, Little Daisy Pop	@ .25 Each	1.50
1	No. 21, Target and 100 Cards		.50
		Total Retail Value,	$18.50

One Assortment in a Box, Complete with Handsome Lithographed Display Card.

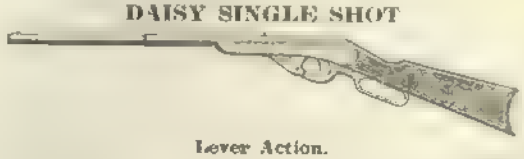
Weight Per Assortment About 39 Pounds.

LITTLE DAISY SINGLE SHOT

Nickel Plated Steel Barrel.

	Per Dozen
No. 41—29 in. Long Over All, Walnut Stock, Shoots Only BB Shot, Weight 1 Lb. 2 Oz.	$8.00

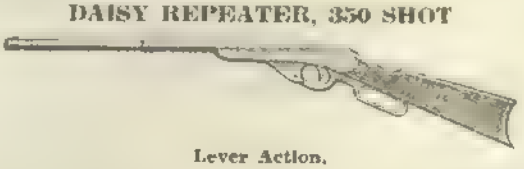
DAISY SINGLE SHOT



Lever Action.

	Per Dozen
No. 42—31 in. Long Over All, Nickel Plated Steel Barrel and Frame, Walnut Stock, Shoots Darts and BB Shot, Weight 1 Lb. 11 Oz.	$15.00

DAISY REPEATER, 350 SHOT



Lever Action.

	Per Dozen
No. 48—32 in. Long Over All, Nickel Plated Steel Barrel, Walnut Stock, Shoots Darts and BB Shots, Magazine Holds 350 Shots and Loads Automatically, Weight 1 Lb. 8 Oz.	$20.00

Air Rifles.

DAISY, 500 SHOT

Lever Action.

Per Dozen

No. 44—33 in. Long, Nickel Plated Steel Barrel and Frame, Walnut Stock, Shoots BB Shot, Magazine Holds 500 Shots and Loads Automatically, Weight 2 Lbs. 7 Oz. $26 65

DAISY, 1,000 SHOT

Lever Action.

Per Dozen

No. 88—36 in Long, Blued Barrel and Frame, Walnut Stock, Steel Butt Plate, Shoots BB Shot, Magazine Holds 1,000 Shots and Loads Automatically, Weight 2 Lbs. 9 Oz. $40.00

KING JUNIOR

Single Shot.

Per Dozen

No. 51—29 in. Long, Nickel Plated Steel Barrel and Frame, Walnut Stock, Shoots Only BB Shot, Weight 1 Lb 2 Oz. $8.90

KING, 500 SHOT

Lever Action.

Per Dozen

No. 54 34 in. Long, Nickel Plated Steel Barrel and Frame, Walnut Stock, Shoots BB Shot, Magazine Holds 500 Shots and Loads Automatically, Weight 2 Lbs. 4 Oz. $26.65

Air Rifle Darts.

Per Gross

No. 17—Darts for Daisy and King Air Rifles $3.85

Weight Per Dozen About ¼ Ounce.

One Dozen in a Package, One Gross in a Box.

DAISY, 1,000 SHOT

Lever Action.

Per Dozen

No. 45 36 in. Long, Nickel Plated Steel Barrel and Frame, Walnut Stock, Steel Butt Plate, Shoots BB Shot, Magazine Holds 1,000 Shot and Loads Automatically, Weight 2 Lbs. 9 Oz. $30 00

DAISY, PUMP REPEATER

Pump Action, Take Down Model.

Per Dozen

No. 46 - 38 in. Long, Non-Rusting Gun Blue Steel Barrel and Frame, Hand Polished Genuine Black Walnut Stock, Adjustable Sights, Front and Rear, Shoots BB Shot, Magazine Holds 1,000 Shots and Loads Automatically, Weight 3 Lbs 4 Oz. $35.50

Operates by pulling the slide towards the stock. Fires rapidly from the shoulder, the magazine having a forced feed

KING

Lever Action.

Per Dozen

No. 52—Single Shot, 31 in. Long, Nickel Plated Steel Barrel and Frame, Black Walnut Stock, Shoots Darts and BB Shot, Weight 1 Lb 8 Oz. $15 00

No. 53—Repeater, 31 in. Long, Nickel Plated Steel Barrel and Frame, Walnut Stock, Shoots Darts and BB Shot, Magazine Holds 350 BB Shot and Loads Automatically, Weight 1 Lb 8 Oz. 20.00

KING, 1,000 SHOT

Lever Action.

Per Dozen

No. 55—36 in. Long, Nickel Plated Steel Barrel and Frame, Black Walnut Stock, Shoots BB Shot, Magazine Holds 1,000 Shots and Loads Automatically, Weight 2 Lbs. 8 Oz. $30 00

Air Rifle Targets.

DAISY

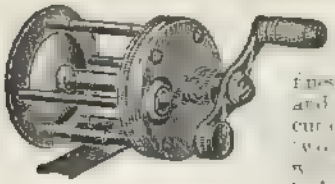
Steel.

Per Dozen

No. 21—6x7 in., Nickel Plated, with Nickel Plated Gong, Gong Rings when Bull's-Eye is Hit, Complete with 100 Record Cards $8 90

Weight Per Dozen About 50 Pounds.

MEEK KENTUCKY QUADRUPLE REELS



The Meek Kentucky Quadruple Reel has a world-wide reputation and is a great favorite with expert casters. They are made of the finest quality of German silver with steel pivots and jewels, tempered, ground, polished and accurately adjusted. The famous Meek bearing and level of mesh stem gear are used on this reel, which is beautifully balanced. It is a reel to be proud of. Guaranteed for two years.

No. 2M. Capacity 85 yards, with click.	$26 00
No. 3M. Capacity 120 yards, click and drag	26 00
No. 2MT. Tournament, 1¾ inch, ball bearing spool bushings.	26 00
No. 3MT. Tournament, 1¾ inch, ball bearing spool bushings, capacity No. 2 or 3 reel. Extra	26 00
Cocobolo wood arbors on Tournament Reels extra	6 00
	1.00

MEEK'S "BLUE GRASS" REELS

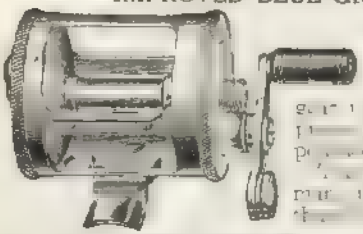
This is a high-class reel in every respect and meets perfectly the demand for a fine quadruple reel at a moderate price. Made practically by hand and with great accuracy and [illegible].

Only the best grade of material is used and it has a reputation second only to the Meek. Fine German silver tempered steel pivots and stud, sterling silver. Ivory grasp.

All Meek and Blue Grass reels are fully guaranteed for two years.

No. 3B. Capacity 120 yards, click and drag	$15 00
No. 4B. Capacity 150 yards, [illegible]	18 00
Jeweling No. 3B or 4B, extra	5 00

IMPROVED BLUE GRASS SIMPLEX REEL, No. 33



This reel is a decided improvement over other [illegible] take-apart reels in material, workmanship, action and durability; the frame is composed of seamless tubing. The [illegible] drawn brass rod. The pinions are of Steel, tempered, ground and polished.

The reel is finished in nickel plated brass and German silver spools, 1¾ x 1¾ inches, and fitted with click.

No. 33. Capacity 130 yards	$7 50

IMPROVED BLUE GRASS SIMPLEX REEL, No. 25

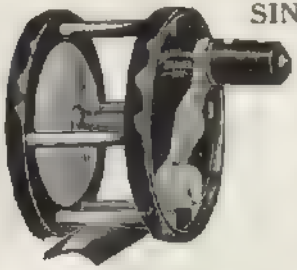
The general features are the same as No. 33, but the reel is of different construction, the frame being built with the usual end plates and pillars instead of tubing. The pinions and gears are of best Steel.

No. 25. Spool 1¾x1¾ inches, capacity 85 yards	$10 00

Meeks Single Action Reels described on page 268

Delivery Prepaid if Cash is Sent with Order at Above Prices

SINGLE ACTION REELS



NO 075

J. VOM HOFE REELS

Single action reels, with safety wind and balance handle, back sliding click, steel spring and ratchet, making either a free running or click reel.

NOS 94 AND 116

Rubber Safety Band

No. 075.	40 yards	Each	$1 10
No. 074.	60 yards	Each	1 15
No. 073½.	80 yards	Each	1 25

Rubber with Nickel Band

No. 94.	60 yards	Each	$1 35
No. 93½.	80 yards	Each	1 45
No. 93.	100 yards	Each	1 55

Rubber and German Silver Reel

Similar in design and construction to No. 94, but of German Silver. Also fitted with patented locking reel cap.

No. 114. 60 yards $3 80 No. 113½. 80 yards $4 00 No. 113. 100 yards $4 20

LIGHT WEIGHT NARROW SPOOLS

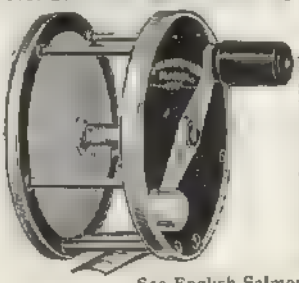
NO 133½

These reels are especially recommended for fly fishing for either bass or trout. They have narrow spools allowing the line to be spooled evenly and quickly. Very light yet strong and durable. Balance handle, back locking, instantly setting for running or click reel with patented locking pivot cap. Nickel plated finish, as per illustration.

NOS 161, 162, 163

No. 133½. 80 yards, disk 2¼ in. $4 00 No. 162. 150 yards, disk 2¾ in. $7 20
No. 163. 100 yards, disk 2¼ in. 5 50 No. 161. 200 yards, disk 3½ in. 8 55

SALMON AND GRILSE REELS



This is the standard salmon reel of America and has been on the market for several years, giving entire satisfaction. Rubber cork with metal safety bands, steel spring and ratchet with patented adjusting pawl and automatic friction click which is light running and strong when line is being taken out by fish.

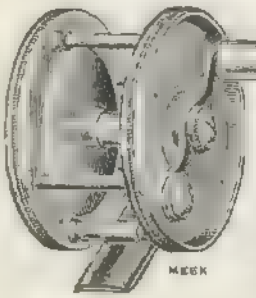
Diameter of disk, nickel plated	4 in.	4½ in.	4½ in.
No. 14	$12 60	$14 40	$16 20
Diameter of disk, German silver	4 in.	4½ in.	4½ in.
No. 15	$18 00	$19 50	$21 60

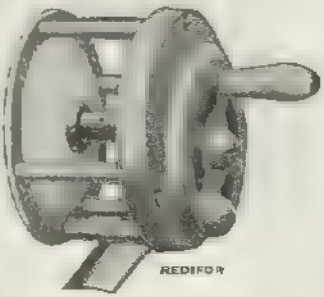
See English Salmon and Trout reels described on page 268

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

HIGH-GRADE TROUT AND SALMON REELS

MEEK TROUT REELS





[illegible] Stub's steel; after being formedare tempered, ground and polished. The pivots run in antifriction [illegible] reducing the [illegible] to a minimum, and will [illegible] for a [illegible] time without [illegible] or [illegible]. [illegible]

No. 44. [illegible] 2½ inches $10 00

No. 44J. [illegible] 13 00

REDIFOR COMBINATION FLY AND BAIT REEL

[illegible] as it [illegible] for casting as [illegible] from catching on the handle. Will hold 40 yards fine [illegible] 100 [illegible]. Made of a special combination metal that is [illegible] yet very strong.

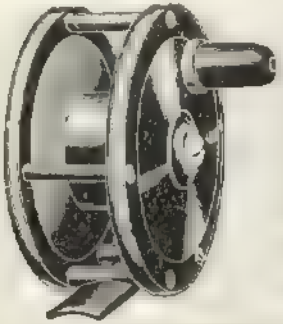
No. X. Diameter, 1¾ inches, width ⅛ inch; weight, 4½ ounces $9 00

HARDY'S ENGLISH TROUT REEL.

We are [illegible] for American [illegible] this [illegible] reel which has been so favorably known to English anglers for many years.

The [illegible] and body are solid. By [illegible] the spring holder on the [illegible] the frame can be removed [illegible] instant without [illegible] use of any tools. It is light, [illegible] and very strong. "Ebonite" or plain [illegible]

No. 492. Height, 4¼ inches; weight, 4 ounces $9 00



ENGLISH TROUT AND SALMON REELS

[illegible] These reels [illegible] They are simple in construction, made of good material and will last a [illegible]. The [illegible] to loss, permitting [illegible] and they [illegible]. The "Ebonite" finish [illegible] and the mountings are bronzed and [illegible].

No. 12S. Diameter, 2½ inches, suitable for trout $4 00

No. 12M. Diameter, 3½ inches, for grilse and small salmon 5 50

No. 12L. Diameter, 4¼ inches, the standard size for large salmon. 8 00

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

MEILINK'S FIRE PROOF SAFES

A special line of safes designed for the protection of valuables, silverware, papers, etc., in the home and for general business and private use.

The inside and outside bodies are formed out of one piece of steel welded at the bottom where the ends meet. The front and back frames are anchored together through the walls by steel stay bolts. This forms a rigid structure of frames and bodies securely interlocking them with each other. This stay bolted construction does away with cross ribs in the outside leaving a smooth finished body all around the safe and it is much stronger.

The outside steel wall fits inside the front and back frames and is firmly held there by the stay bolts anchoring the frames against it.

The caster blocks are a part of the frame. The wheels are made of malleable iron.

"Meilink's" Safes are guaranteed against dampness. The fire walls are a solid "thermocel" composition prepared under our own formula, using asbestos fibre and binding mediums, which contains no moisture and will neither sweat nor swell.

GUARDIAN JR. MODEL

Each

No. 8½—With Combination Lock, Outside Dimensions, 17½ in. High, 11 in. Wide, 13½ in. Deep, Inside Dimensions, 11 in. High, 7 in. Wide, 9½ in. Deep.....$.....

Cabinet Work—Book space 11x3¼x9½ in., subtreasury 3½x3¼x8 in., one lock drawer 2½x3⅛x7⅞ in., one file space 3⅝x3¼x8¼ in.

Weight Each 80 Pounds.

GUARDIAN MODEL

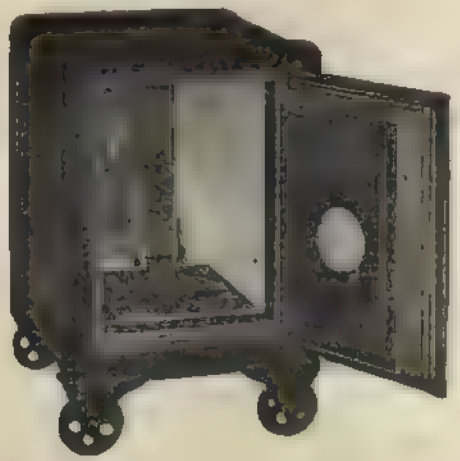
Each

No. 5—With Combination Lock, Outside Dimensions, 22½ in. High, 14 in. Wide, 16 in. Deep, Inside Dimensions, 13 in. High, 9 in. Wide, 10½ in. Deep.....$.....

Cabinet Work—Book space 13x4x10½ in., subtreasury 4⅞x4⅜x9½ in., one lock drawer 2½x4¼x9 in., one file space 4½x4½x9⅝ in.

Weight Each 140 Pounds

BANKER JR. MODEL



Each

No. 7—With Combination Lock, Outside Dimensions, 25 in. High, 16 in. Wide, 19 in. Deep, Inside Dimensions, 15 in. High, 10 in. Wide, 12½ in. Deep.....$.....

Cabinet Work—Book space 15x5x12½ in., Subtreasury 4⅞x4⅝x10½ in., two lock drawers 2½x4⅜x10⅛ in., one file space 3½x4⅜x10⅝ in.

Weight Each 185 Pounds.

Each

No. 9—With Combination Lock, Outside Dimensions, 31 in. High, 21 in. Wide, 20½ in. Deep, Inside Dimensions, 18¼ in. High, 14¼ in. Wide, 13½ in. Deep.....$.....

Cabinet Work—Book space 18¼x9¼x13½ in., subtreasury 4⅞x4⅝x13¾ in., two lock drawers 2½x4⅜x10⅛ in., one file space 4x4½x11 in., one file space 2½x4½x11 in.

Weight Each 320 Pounds

MEILINK FILING SAFES

The front and back frames of the "Meilink" Filing Safe are heavy steel angles, each welded into one continuous piece. They are ¼ in. thick and face 2 in. on the front and back and 2 in. on the sides and bottom. The inside and outside bodies are 14 gauge steel. Each one continuous around the sides, top and bottom, welded where the ends meet. They set in channels inside the steel frames. The back plate is also set inside of the frame. All joints are thus protected from warping and twisting effect of heat by angle frames. The front and back frames are anchored together through the walls by strong steel stay bolts. These bolts lock the frames solidly onto the inside and outside steel bodies.

The doors are provided with an asbestos tongue or flange, held in position by a steel moulding and cast into shape in the grooved frame, making an absolutely tight joint. The grooved frame is rolled out of heavy steel in one piece

The fire walls are a solid "thermo-cel" composition of asbestos fibre and binding mediums

Each

No. 7201—With Combination Lock. Outside Dimensions, 47 in. High, 25⅛ in. Wide, 26 in. Deep, Inside Dimensions, 34 in. High, 18¼ in. Wide, 19¾ in. Deep, with Filing Sections as Described Below. Finished in Olive Green..... ....$.. .

FILING SECTIONS

One No. 504L Locker Section, outside case 9⅛x17⅛x17 in., drawers inside 3½x5⅛x16½ in., locker inside 8x4½x16⅝ in

One No. 335CI Three Drawer File, outside 5x17⅛x17 in., drawers inside 3½x5⅛x16 in.

One No. 1SD One Drawer Storage File, outside 6x17⅛x17 in., inside 4½x15⅝x16¼ in.
One No. 3DF Three Drawer Document File, outside 12⅝x17½x17 in., drawers inside 11⅛x5⅛x16 in.
One No. 50S Shelf, adjustable, on which equipment is stacked
Weight Each 650 Pounds

MEILINK SECURITY BOXES

One Piece 18 Gauge Cold Rolled Steel Plate Body and Cover, Two Tumbler Lock, with 144 Changes and Two Flat Keys, Black Velvet Finish. Not Rubbed.

Nos.	401	402	403	404
Length, Inches	9¼	11	13	14½
Width, Inches	4⅝	7¼	11⅛	11⅛
Depth, Inches	4¼	4¼	6¼	6¼
Weight Each, Lbs.	3½	4¾	8¾	10
Each	$.....	.. .	.. .	. ...

Used to protect papers, jewelry, silverware, etc., at home; private papers, etc., in your office; for bank officials and cashiers in any line of business.

MONEY DRAWERS

NASHUA ALARM

Per Dozen

No. 5—Safety, 18 in. Wide, 16½ in. Long, Oiled and Varnished Oak Front, Oil Finished Sides, Back and Sliding Coin Cup. Lock has 32 Combinations which are Quickly and Easily Changed. Gong Sounds as Till is Opened... $32 40

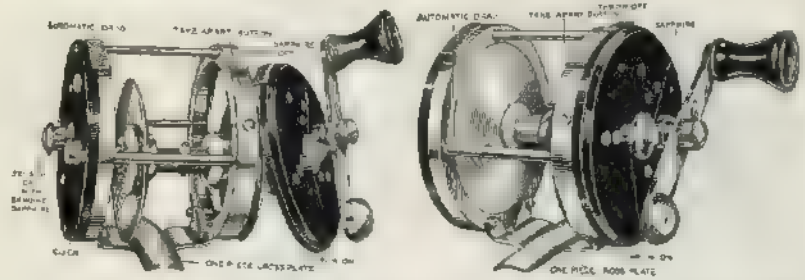
Weight Per Dozen 140 Pounds.
One-half Dozen in a Crate.

Per Dozen

No. 2—Wood's, 18 in. Wide, 17 in. Long, Varnished and Polished Oak Front, Oil Finished Hardwood Sides, Back and Half Globe Sliding Coin Cup, Lock has 32 Combinations which can be Changed Instantly. Alarm Does not Sound Except when Attempt is Made to Open the Drawer by an Unauthorized Person. $36 00

Weight Per Dozen 155 Pounds.
One-half Dozen in a Crate.

MEISSELBACH FREE SPOOL SURF REEL



Its automatic drag acts only when the fish runs—never while you are reeling in your line. Its adjustable tension screw gives any degree of pressure on spool. That flips you counter of the tenth part of a line to "over-run."

To take it apart just push the button and twist your wrist. Its right rims are riveted to the sturdy one piece crossplate which takes the strain.

No. 15. Two ball bearings, holding 250 or 300 yards 9-thread linen bank line..... $20 00

WOOD REELS FOR BANK AND RIVER FISHING

NO. A NO. 66 NO. 68

THE "PIPE" BRAND WOOD REELS

No. A.	Plain maple varnished, 5 inch diameter.....	$ 25	Delivered	$ 35
No. B	Stained and varnished maple, 6 inch diameter...	.35	"	45
No. C.	Rosewood stained, "S" plate, 6 inch diameter	65	"	75
No. D.	Mahogany, "S" plate, 7 inch diameter.....	75	"	90

"GOOD LUCK" WOOD REELS

Made of tough wood, easy running and long lasting. All wearing parts are made of hardened steel. These reels cast easier than any other reel on the market.

No. 5S.	5 inch straight spindle.	$1 25	No. 5B.	5 inch ball bearing	$2 10
No. 6S.	6 inch straight spindle.	1 50	No. 6B.	6 inch ball bearing	2 25
No. 7S.	7 inch straight spindle	1 75	No. 7B.	7 inch ball bearing....	2 75

"BIG CHIEF" BALL BEARING REELS

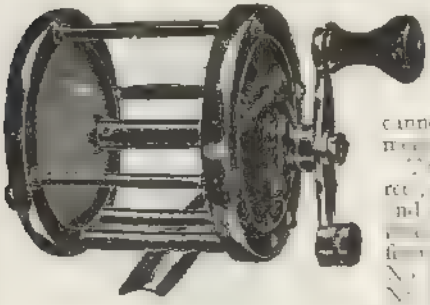
A high grade ball bearing reel at a medium price. Made of selected wood, heavy S plate, nickel plate brushed bearings and two large polished handles.

No. 66. 6 inch ball bearing.. $1 75 No. 77. 7 inch ball bearing.....$1 75

Delivery Prepaid in U. S. If Cash is Sent with Order at Above Prices

SALT WATER REELS

"THE ATLANTIC" SURF CASTING



The number of surf casters are increasing yearly and the sport is popular up and down New York. For [illegible] to cast [illegible] yet cannot afford [illegible] these reels are recommended. "The Atlantic" Surf Casting Reel.

The "Atlantic" is strong, and having reel, nickel plated with rubber side plates and [illegible] top disc [illegible] for [illegible] line.

No. 56.	150 yards	Each	$3 00
No. 57.	200 yards	Each	3 25
No. 58.	250 yards	Each	3 50

"THE GULF"

An extra quality German silver [illegible] reel with steel [illegible] and pivots, rubber plates with [illegible] and [illegible]

No. 97.	200 yards	Each	$5 00
No. 99.	300 [illegible]	Each	$6 50

"THE GULF" THROW-OFF

[illegible] reel [illegible] Made from [illegible] German silver [illegible] with [illegible] and [illegible] disc, [illegible] It [illegible] with the well [illegible] throwing gears [illegible] [illegible] [illegible]

PORTABLE ACETYLENE LIGHTS

MILBURN

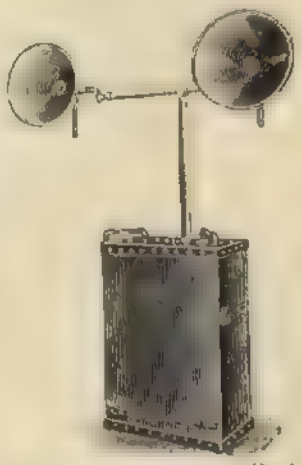
Absolute Simplicity, No Pumps, Globes or Moving Parts, Lights Instantly, Requires no Attention During Use.

The apparatus mainly comprises three parts, an outer tank holding water and an inner receptacle holding the carbide, and a burner stand pipe.

The lights are small and compact in size, being less than half the weight of oil lights of equal power. The light is made by water and carbide, burns more than half air and requires not the slightest attention during use.

Can be instantly recharged by having an extra cylinder filled ready for use

Smokeless, incandescent, absolutely storm-proof, unaffected by vibration, wind or weather. Flame can be regulated from the maximum light to a needle point.



Each

No. 2—Compaction, 10x10x30 in. Tank, 5 ft. High Over All, 12 in. Non-Tarnishing Parabolic Reflector, with Separate Steel Backing which Makes it Practically Indestructible, Absolutely Storm-Proof Burner, Gives a Light of 5,000 Candle Power, Lights 1,000 Feet, Weight Each Empty 50 Lbs., Complete with **Extra** Cylinder **$62.00**

Very useful for builders, contractors, rai roads, mines and circuses.

Weight Each 75 Pounds.

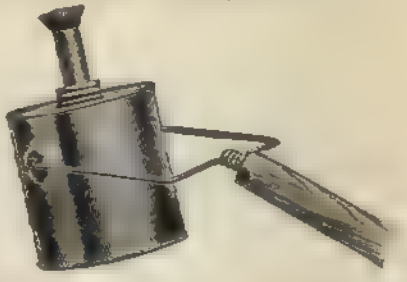
Each

No. 4Z—Twin, 12x24x36 in. Tank, 6 ft. High Over All, Two 15 in. Non-Tarnishing Parabolic Reflectors, with Separate Steel Backings which Makes it Practically Indestructible, Absolutely Storm-Proof Burners, Gives a Light of 20,000 Candle Power, Lights 3,000 Feet, Weight Each Empty 160 Lbs with **Twin** Cylinders ... **$114 00**

The reflectors swivel in any direction, making the light the farthest reaching and most powerful ever made for contractors.

Weight Each 223 Pounds.

CAMPAIGN TORCHES



Per Dozen

No. 1—Single Tube, Plain Tin, Capacity 1 Pint, Double Swing, without Handle and Wick.....$....

No. 2—Two Tubes, Otherwise Same as No. 1 . . . .

Weight Per Dozen 10 Pounds.

WALL TORCHES

No. 1.

No. 5.

No. 10.

These Wall Torches are well made, strong, durable and reliable in every particular, and their light is large, clear and bright. The wind will not put out the flame, and rain, cold or heat will not affect same

The pipe runs through tank bottom to top where it is securely fastened.

Simple in operation. Easily kept clean. Latest and highest improved construction.

Hard Baked Black Japanned Tank Face, Black Japanned Pipe, Brass Globe Valve and Generating Burner.

For Gasoline.

Each

No. 1 —Single Burner, Black Japanned Tank, Capacity 1 Gallon, Av. Weight Per Dozen 50 Lbs..... $ ..

No. 1G—Single Burner, Galvanized Tank, Capacity 1 Gallon, Av. Weight Per Dozen 55 Lbs ..... .

No. 5 —Jumbo Burner, Black Japanned Tank, Capacity 1 Gallon Produces a Very Efficient, Steady, Brilliant Light, Av Weight Per Dozen 60 Lbs..... ....

For Kerosene.

Each

No. 10—Single Burner, Black Japanned Tank, Capacity 1 Gallon Av. Weight Per Dozen 50 Lbs . . . . $. . .

LANTERN GLOBES

FITALL TUBULAR

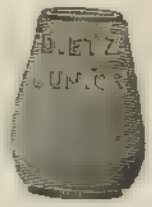
Per Dozen

No. 0—White, 6⅝ in. High, Top 2⅛ in. Wide, Bottom 3⅛ in. Wide.....$....

No. 0R—Ruby, Otherwise Same as No. 0..... ....

Weight Per Dozen 10 Pounds.

JUNIOR COLD BLAST



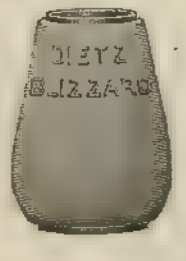
Per Dozen

Junior—White, 5½ in. High, Top 2⅝ in. Wide, Bottom 2⅛ in. Wide.....$ ..

Junior R — Ruby, Otherwise Same as "Junior"..... ....

Weight Per Dozen 9 Pounds.

BLIZZARD COLD BLAST



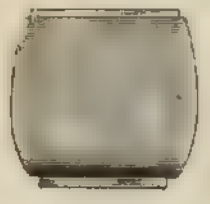
Per Dozen

No. 2—White, 6⅝ in. High, Top 2⅛ in. Wide, Bottom 3⅛ in. Wide.....$....

No. 2R—Ruby, Otherwise Same as No. 2..... ....

Weight Per Dozen 15 Pounds.

LITTLE WIZARD, COLD BLAST



Per Dozen

Little Wizard—White, 3⅛ in. High, Top 3¼ in. Wide, Bottom 2⅛ in. Wide.... $..

Little Wizard-R—Ruby, Otherwise Same as Little Wizard ....

Weight Per Dozen 7 Pounds.

D-LITE, COLD BLAST

Per Dozen

D-Lite—White, 4⅞ in. High, Top 4 in. Wide, Bottom 3⅞ in. Wide.....$ ...

D-LITE-R — Ruby, Otherwise Same as "D-Lite"..... ....

Weight Per Dozen 12 Pounds.

VULCAN RAILROAD

Per Dozen

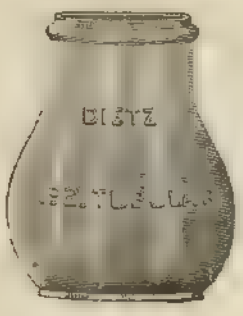
No. 39—White, 4⅞ in. High, Top 2⅛ in. Wide, Bottom 3⅜ in. Wide.....$....

No. 39R — Ruby, Otherwise Same as No. 39.. ....

Weight Per Dozen 13 Pounds.

STREET LAMP GLOBES

TUBULAR

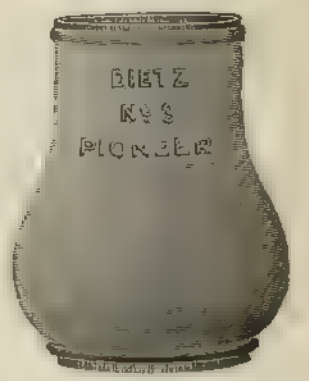


Per Dozen

No. 2—9 in. High, Top 4⅞ in. Wide, Bottom 5 in. Wide .....$....

Weight Per Dozen 40 Pounds.

PIONEER

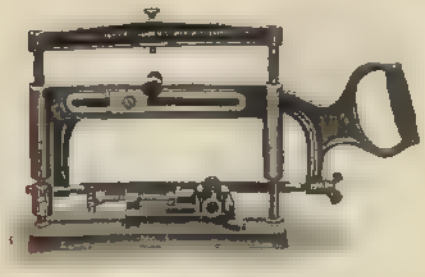


Per Dozen

No. 8—10¾ in. High, Top 5¾ in. Wide, Bottom 6 in. Wide.....$....

Weight Per Dozen 73 Pounds.

BENCH HACK SAWS



GOODELL-PRATT

Very useful in any shop where power is not available. By its use even an unskilled operator can cut metal rods or tubing rapidly and smoothly without breaking blades. The vise attached to the bed can be set to saw at any desired angle

Made entirely of iron and steel, this machine is capable of long service under hard use. Finished in red and black enamel.

Each

No. 1—Takes 8 or 9 in. Blades, 10¼ in. High, 10⅝x3⅜ in. Base, 6⅝ in. Stroke, Vise has 2¼ in. Jaws Opening 2 in., Extreme Capacity 2x2 in., Complete with One 9 in. Blade, Net Weight 10⅝ Lbs., Shipping Weight 16 Lbs. $4.50

One in a Box

POWER HACK SAWS

MILFORD

Special Features:

Quick Return Stroke.

Automatic Lifting Device.

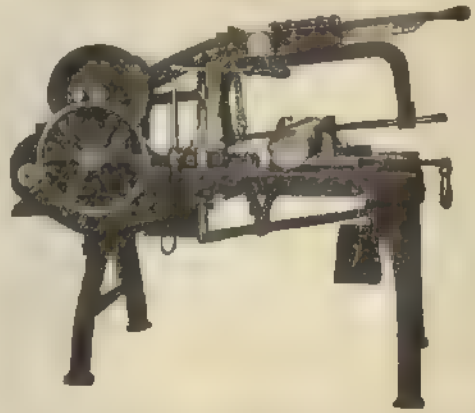
The Quick Return feature saves time, while the Automatic Lifting Device prolongs the life of the blade

Each

No. 4 Height Over All 41 in. Height of Work Table 27 in., Stroke 5⅝ in., Takes 10, 11 or 12 in. Blades, Covered Machine Cut Gears, 6x1⅝ in. Clutch Pulley, Machine Geared Back, 4 to 1, Automatic Stop, Cutting Capacity 6x5 in., Gravity Feed Floor Space 20x40 in., Complete with Six 12x⅝ in. Blades with 14 Teeth to the Inch, Weight Each 200 Lbs. $45 00

This machine is well and substantially built in every detail. Provision has been made for adjustment at principle wearing points.

MILFORD, MOTOR EQUIPPED



Cut Shows Saw Equipped with Motor. Each

No. 6—Height Over All 44 in., Height of Work Table 24 in., Stroke 6 in., Takes 14 or 17 in. Blades, Covered Machine Cut Gears, 10x2¼ in. Clutch Pulley, Machine Geared Back 4 to 1, Automatic Stop, Cutting Capacity 8x8 in., Swivel Vise to 45 Degree Angle, Gravity Feed, Floor Space 20x46 in., Complete with Two 14x¾ in. Blades with 10 Teeth to the Inch, without Motor, Weight Each 375 Lbs. $75 00

No. 6M—Same as No. 6, but Equipped with ¾ H. P. Motor ..... Price on Application

Note—When ordering Saw with motor, it is necessary to give particulars as to current and voltage available and if alternating current, advise cycle and phase of system on which motor is to operate.

SCROLL SAWS

STAR

With Automatic Dust Blower.

Iron Frame, Japanned Black with Red and Gilt Stripes, Steel Arbors, Best Selected Ashwood Arms and Pitman, Heavy Drive Wheel.

Each

No. 387 37 in. High, Depth of Arms 18 in., Nickel Plated Tilting Saw Table, Lever Saw Clamps, Adjusting Saw Guide, with Two Balance Wheels, One Each of Iron and Emery, Net Weight 40 Lbs., Boxed Weight 60 Lbs. $10.50

A well balanced and steady machine. The arms are hung in the middle of their supporting casting to give free and easy motion, and are adjustable so that they may be kept parallel.

One in a Wooden Box, Knocked Down.

NEW ROGERS

With Automatic Dust Blower.

Iron Frame, Japanned Black with Red and Gilt Stripes, Steel Arbors, Best Selected Ashwood Arms and Pitman.

Each

No. 1—35 in. High, Japanned Tilting Table, Iron Balance Wheel, Complete with 12 Saw Blades, 1 Wrench, 3 Sheets of Designs, 1 Awl, Impression Paper and 3 Drill Points, Net Weight 28 Lbs., Boxed Weight 45 Lbs. $7 00

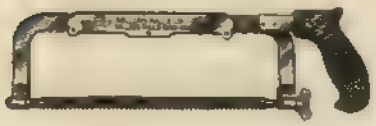
No. 2—With Nickel Plated Tilting Table and Emery Balance Wheel, Otherwise Same as No. 1 ..... 8.00

Bearings to the arms are carefully adjusted. A jointed stretcher rod permits free action of arms.

One in a Wooden Box, Knocked Down

HACK SAW FRAMES

STAR "PISTOL GRIP" EXTENSION



Per Dozen

No. 1627—Takes 8 to 12 in. Blades, ⅛x½ in. Polished and Nickel Plated Stiff Steel Frame Depth Under Back 3¼ in., Black Composition Handle Fitting Any Hand, Complete with One 10 in. Blade, Weight Per Dozen 18 Lbs. $21.00

The handle is secured to the frame by a steel rib extending nearly the full length of the handle and is shaped so as to make the tool correctly balanced. The blade is strained by a thumb nut and screw stud and may be faced in four directions.

One-twelfth Dozen in a Box.

UNIVERSAL "AUTOMATIC GRIP" EXTENSION

Per Dozen

No. 11—Takes 8 to 12 in. Blades, ⅝x⅞ in. Sherardized Steel Frame, Distance from Bottom of Frame to Tooth Edge of Blade 3⅛ in., Sherardized Semi-Steel Grip and Guide, Complete with One 8 in. Blade, Weight Per Dozen 26 Lbs. $15.00

An all around extension frame suited to all purposes, but finished with special regard to outdoor usage, or in places where it will not receive the best of care. Will not break or buckle and, being sherardized, will not rust.

One-sixth Dozen in a Box

UNIVERSAL "EASY GRIP" EXTENSION

Per Dozen

No. 12—Takes 8 to 12 in. Blades, ⅝x⅞ in. Full Nickel Plated Stiff Steel Frame, Distance from Bottom of Frame to Tooth Edge of Blade 3⅛ in., Composition "Easy Grip", Case Hardened Parts, Complete with One 8 in., Blade, Weight Per Dozen 25 Lbs $18.00

Can be used to advantage as far as the arm can reach. In fact, it is just what the name implies, "Easy Grip". Extension features all retained. A rigid solid back with all advantages possible

One-sixth Dozen in a Box

UNIVERSAL "EASY GRIP" EXTENSION

Per Dozen

No. 14—Takes 8 to 12 in. Blades, ⅝x⅞ in. Full Nickel Plated Stiff Steel Frame, Distance from Bottom of Frame to Tooth Edge of Blade 3⅛ in., Composition "Easy Grip", Case Hardened Parts, Complete with One 8 in. Blade, Weight Per Dozen 27 Lbs. $21.00

The handle is brought forward close to the saw blade and the housing for the body is extended 2¼ in. forward of the post. This construction insures great rigidity and provides a frame of very great strength.

One-sixth Dozen in a Box

STAR

Per Dozen

No. 18—Takes 11 and 12 in. Blades, 1x¼ in. Polished and Nickel Plated Heavy Stiff Steel Frame, Depth Under Back 3 in., Hardwood Handle, Complete with One 12 in. Blade, Weight Per Dozen 27 Lbs. $22 50

The blade is strained by turning of the handle and may be faced in four directions. Has a knurled check nut, forced by a spring to overlap and hold blade in place while it is being inserted in the frame.

One-twelfth Dozen in a Box.

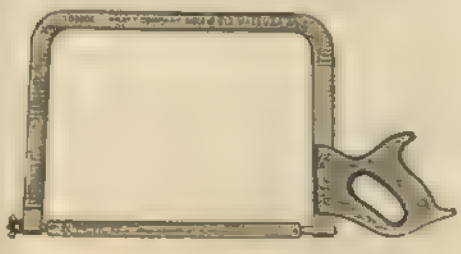
STAR

Per Dozen

No. 15—Takes 12 in. Blades Only, 1x¼ in. Polished and Nickel Plated Heavy Stiff Steel Frame, Depth Under Back 6¼ in., Hardwood Handle, Complete with One 12 in. Blade, Weight Per Dozen 30 Lbs. $24.00

Has a knurled check nut to screw down and overlap the end of blade to hold it in place while it is being adjusted in the frame. The blade is strained by turning of the handle and may be faced in four directions.

One-twelfth Dozen in a Box.



GOODELL-PRATT HEAVY RAIL

Per Dozen

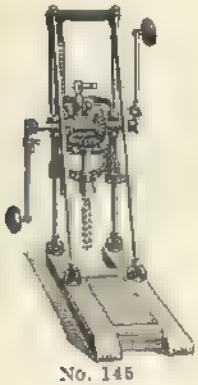
No. 15R—Takes 12 in. Blade Only, ¼x1 in. Polished and Nickel Plated Steel Frame. Depth Under Back 10¾ in., Hardwood Handle, Complete with One 12 in. Blade, Weight Per Dozen 45 Lbs. $36 00

Intended to cut rails, girders or other large work where depth of throat is an essential feature.

One-twelfth Dozen in a Box.

Boring Machines.

MILLERS FALLS



No. 145

Wood Bottom Board, Steel Upright and Angle Rods, Spindle and Cranks, Adjustable Cranks Regulating Speed and Power.

Without Augers.

Each

No. 145—25 in. High, Bores 12 in. **$12 80**

Weight Each, Boxed, About 45 Pounds.

Bores vertically or at any angle from the vertical within an arc of 50°. Depth of hole regulated by stop. Auger removed from hole by pushing a latch and continuing revolution of cranks in same direction as when boring. Frame locked in topmost suspension automatically. Released by pressure upon a thumb latch

One in a Box.

Steel Base, Upright and Angle Rods, Spindle and Cranks, Adjustable Cranks Regulating Speed and Power.

Without Augers.

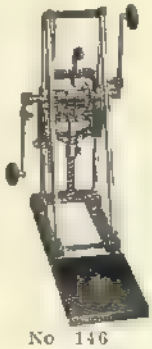
Each

No. 146—25½ in. High, Bores 12 in. **$14 50**

Weight Each, Boxed, 49 Pounds.

Bores vertically or at any angle from the vertical within an arc of 50°. Depth of hole regulated by adjustable stop. Auger removed from hole by a few backward revolutions of cranks to loosen worm of Bit, pressure with Cranks to the left, automatically engaging a clutch, and forward revolution of the Cranks. Frame locked in topmost suspension automatically, released by pressure upon a thumb latch.

One in a Box



No 146

UPRIGHT

No. 20.

Varnished Hardwood Base, Malleable Iron Arch Gears and Crank, Steel Spindle, Chuck and Axle, Upright Firmly Bolted, Graduated Ways.

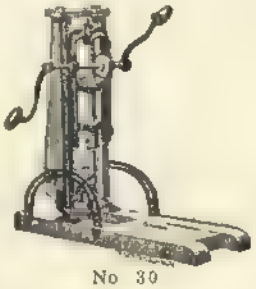
Without Augers.

Each

No. 20—25 in. High, Width of Base 7½ in., Length of Base 29 in. **$6.35**

Weight Each, Boxed, 50 Pounds.

One in a Box.



No 30

ANGULAR

Varnished Hardwood Base, Malleable Iron Arch, Gears and Crank, Steel Spindle, Chuck and Axle, Uprights Firmly Bolted, Graduated Ways.

Without Augers.

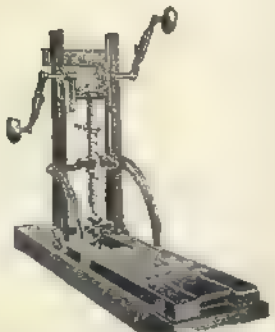
Each

No. 30—25 in. High, Width of Base 7½ in., Length of Base 29 in. **$7.00**

Weight Each, Boxed, 55 Pounds

One in a Box

PHILLIP'S ANGULAR



Self-Withdrawing, Malleable Iron Adjustable Cranks, Wood Base and Frame. **Furnished for Round or Square Shank Augers.**

Without Augers.

Each

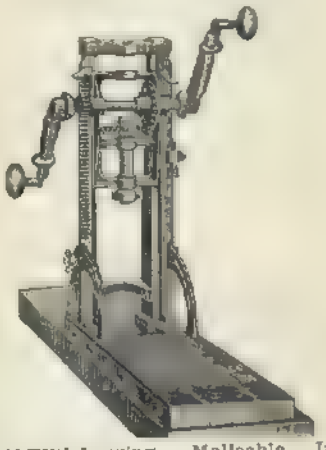
No. 40—26½ in. High, Width of Base 8 in., Length of Base 30 in. **$11 65**

Weight Each, Boxed, About 50 Pounds

This machine is constructed of good material. The self-withdrawing of the auger while in motion is easy, without stop or jerk, and by once setting the gauge any number of holes can be bored to precisely the same depth.

One in a Box

AJAX IMPROVED



Self-Withdrawing, Malleable Iron Arch and Crank, Wood Base, Graduated Ways, Will Take Any Style of Auger or Brace Bit, Either Long or Short, Round or Square Shank.

Without Augers.

Each

No. 50—22 in. High, Width of Base 7½ in., Length of Base 28 in. **$10.00**

Weight Each, Boxed, About 42 Pounds

This machine will do all that other Wood Boring Machines do and does not require a special Auger. Can be used upright or at any angle. Can be set to bore any depth of hole and when the required depth is reached, withdraws quickly by same motion (automatically) without stopping. Folds compactly. Has extension arms

One in a Box.

AJAX SPECIAL

Malleable Iron Arch and Crank, Adjustable, Will Take Any Auger that has a Screw or Spur and of which Shank is not More than ⅞ in. at Greatest Diameter.

Without Augers.

Each

No. 60—32½ in. High, Width of Base 7½ in., Length of Base 28 in. **$17.80**

Weight Each, Boxed, About 60 Pounds.

This machine is designed for work on heavy timbers for bridges and trestle construction and will bore through 20 inches of timber at one operation. To bore through 20 in. timber would require an auger with a twist of about 18 or 19 in at least and the shank should be 2 in. or over. The length of the entire auger is immaterial as long as the twist is not more than 20 in long.

One in a Box

Saw Vises or Clamps.

BUCKEYE FOLDING

Steel, Japanned.

Per Dozen

No. 75—14 in. Jaws $15.60

Weight Per Dozen About 24 Pounds.

Can be attached or detached instantly without screwing or clamping by means of Folding Hooks which are driven into the bench or a piece of 2x8 which can be set in a window at desired height.

Open Stock

DIKEMAN FOLDING

Steel, Japanned and Nickeled.

Per Dozen

No. 77—11½ in. Extreme Width, Rubber Pad underneath the Back Jaw, Folds Up, Requiring Little Space in a Chest or Tool Box. $17.80

Weight Per Dozen About 30 Pounds.

One-twelfth Dozen in a Box.

STEARNS' FOLDING

T and Channel Steel, Black Japanned, Nickel Plated Trimmings.

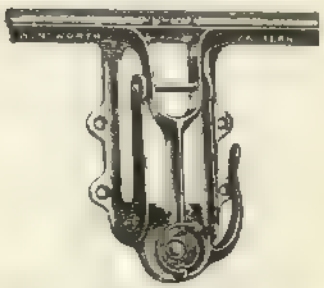
Per Dozen

No. 500—12 in. Extreme Width, Rubber Faced Back Jaw. . . $15.60

Weight Per Dozen About 30 Pounds.

One-twelfth Dozen in a Box

WENTWORTH



Malleable Iron, Japanned, Rubber Cushioned Jaws.

Per Dozen

No. 1—11 in. Jaws, Height Over All 9 in., Weight Per Dozen About 48 Lbs. $10.70

No. 2—15 in. Jaws, Height Over 11 in., Weight Per Dozen About 96 Lbs. 15 60

Open Stock.

WENTWORTH

Malleable Iron, Japanned, Rubber Cushioned Jaws, Adjustable Clamp.

Per Dozen

No. 3—11 in. Jaws, Height Above Bench 6 in., Height Over All 11½ in. $13.35

Weight Per Dozen About 84 Pounds.

Open Stock

STEARNS'

Malleable Iron, Japanned, Plain Jaws.

Per Dozen

No. 08—9 in. Jaws, Height Over All 8 in $5 90

Weight Per Dozen About 48 Pounds.

Open Stock.

STEARNS'

Malleable Iron, Japanned, Plain Jaws, Adjustable Clamp.

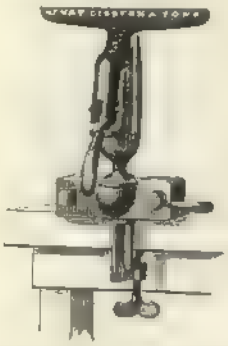
Per Dozen

No. 88—9 in. Jaws, Height Above Bench 9½ in., Over All 14 in. $8.90

Weight Per Dozen About 96 Pounds.

Open Stock.

DISSTON'S



Malleable Iron Frame, Japanned, Plain Jaws, Adjustable Ball and Socket Clamp.

Per Dozen

No. 11—9 in. Jaw, Height Above Bench 9½ in., Height Over All 12½ in. $13.35

Weight Per Dozen About 102 Pounds.

Open Stock.

READING

Malleable Iron Frame, Japanned, Plain Jaws, Adjustable Clamp.

Per Dozen

No. 10—9 in. Jaw, Height Above Bench 9 in., Height Over All 14 in. $9.35

Weight Per Dozen About 72 Pounds.

Open Stock.

Fine Smokers' Stands, Cabinets and Plate Racks

Prices Each

SMOKERS' STAND

Made of selected oak, golden or fumed oak finish. Height 24 inches, weight about 12 lbs.

No. 4032 ..... $3.00

Same as above with brass ash tray and match box holder.

No. 4032½ $4.35

SMOKERS' STAND

Made of selected solid quarter-sawed oak, golden early English, or fumed oak finish. Height 28 inches. Weight 13 lbs.

No. 4042 Each..... $4.90

Complete with copper ash tray and match box holder

No. 4042½ Each $6.10

SMOKERS' STAND

Made of selected quartered oak, golden oak finish or imitation mahogany. Brass ash tray and match box holder, shipping weight about 12 lbs.

No. 4132½ $6.85

SMOKERS' CABINET

Made of selected solid quarted-sawed oak, golden, early English or fumed oak finish. Height 24 inches. Brass handle and lock. Weight about 20 lbs.

No. 4322 Each $7.85

Complete with copper ash tray and match box holder

No. 4322½ Each $9.75

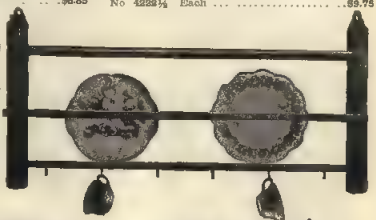
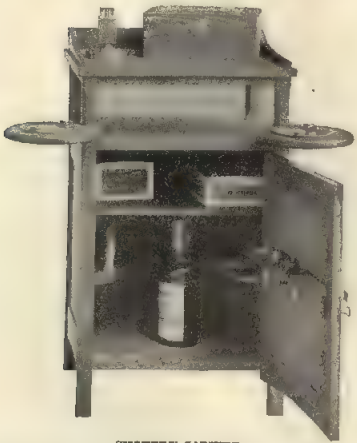


PLATE RACK

Made of solid quarter sawed oak, golden, or early English finish. Size 36x18 inches. Brass trimmings. Weight about 12 lbs.

No. 782

Each ... $3.90



SMOKERS' CABINET

Made of selected solid quarter-sawed oak, golden, fumed oak or early English finish. Copper fixtures and humidor. Bottom cabinet has 2 shelves and a suitable place for liquors, pipe rack attached to cabinet door. The ash trays are on revolving stands and can be turned inward when not in use. Top 14x18 inches. Height 32 inches. Weight about 75 lbs.

No. 4433½ Each $32.30

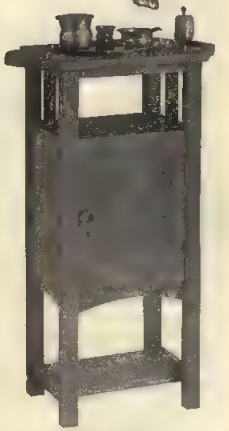
SMOKERS' CABINET

Made of selected solid quarter sawed oak, golden, fumed or early English oak finish. Height 30 inches. Brass handle and lock on cabinet. Weight about 27 lbs.

No. 4232 Each $12.25

Complete with copper ash tray and match box holder

No. 4232½ Each..... $14.65



SMOKERS' CABINET

Made of selected solid quarter-sawed oak, golden, fumed or early English oak finish. Height 30 inches. Copper smoking set and cigar lighter. Top plank has two handles sawed out and shaped, 1 bottom cabinet, copper ring and lock on door. Weight about 46 pounds.

No. 4832½ Each..... $22.15

F. O. B. OUR SOUTHERN INDIANA FACTORY

Fine Solid Oak Medicine Cabinets and Bath Room Mirrors

MEDICINE CABINET

Made of solid plain oak, golden, early English or white enamel finish, size 17x14, good lock; weight about 15 lbs.

No. 1252 Oak, each $3.40
No. 1252-E White enamel, each.... 4.05

Same as above with 8x16-inch plain mirror.

No. 1253½ Oak, each $5.60
No. 1253½-E White enamel, each.. 6.30

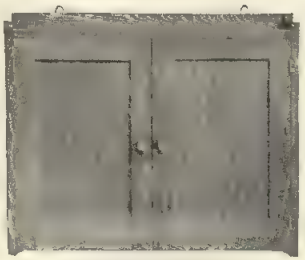
MEDICINE CABINET

Made of solid quarter-sawed oak, golden, early English or white enamel finish, size 14x26 inches, good lock; weight about 18 lbs.

No. 1262 Oak, each $5.60
No. 1262-E White enamel, each... 6.50

Same as above with 8x13 plain mirror.

No. 1273½ Oak, each $7.75
No. 1273½-E White enamel, each. 8.65



MEDICINE CABINET

Made of solid quarter-sawed oak, golden, early English oak or white enamel finish, size 24x24 inches, brass knobs, weight about 40 lbs.

No. 1512 Oak, each $12.90
No. 1512-E White enamel, each 13.90

Same as above with two beveled 10x17 inch mirrors

No. 1513½ Oak, each $20.35
No. 1513½-E White enamel, each 21.30

MEDICINE CABINET

Made of solid quarter-sawed oak, white enamel golden or early English oak finish, size 22x15 inches, good lock and handle, 10x17-inch beveled plate mirror, weight about 32 lbs.

No. 1282½-E White enamel, each $11.65
No. 1282½ Oak, each 10.75

Same as above without mirror.

No. 1282-E White enamel, each.. $7.40
No. 1282 Oak, each 7.05

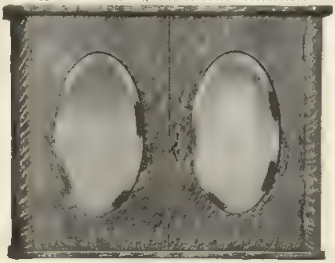
MEDICINE CABINET

Made of solid quarter-sawed oak, golden, early English oak or white enamel finish, good lock, size 24x16 inches 10x17-inch beveled mirror; weight about 30 lbs.

No. 1412½ Oak, each $13.90
No. 1412½-E White enamel, each 14.75

Same as above without mirror.

No. 1412 Oak each $10.20
No. 1412-E White enamel each .. 11.10



MEDICINE CABINET

Made of solid quarter-sawed oak, golden, early English oak or white enamel finish, size 21x27 inches, good lock and handle, two 8x14-inch beveled mirrors, weight about 45 lbs.

No. 1312½ Oak, each $24.70
No. 1312½-E White enamel, each 25.60

Same as above without mirror weight about 30 lbs

No. 1312 Oak, each $16.70
No. 1312-E White enamel, each 17.55

MEDICINE CABINET

Made of solid oak, golden, early English oak or white enamel finish, size 28x17 inches, brass knob, 12x18 inch beveled mirror, weight about 40 lbs.

No. 1502½ Oak, each $13.90
No. 1502½-E White enamel, each. 14.75

Same as above without mirror, weight about 27 lbs.

No. 1502 Oak each $8.90
No. 1502-E White enamel each .. 9.80

MEDICINE CABINET

Made of solid quarter-sawed oak golden, early English oak or white enamel finish, size 25x16 inches good lock 10x17-inch beveled mirror, weight about 36 lbs.

No. 1222½ Oak each $12.00
No. 1222½-E White enamel, each 12.90

Same as above without mirror front, weight about 30 lbs

No. 1222 Oak each $8.30
No. 1222-E White enamel each .. 9.25

MEDICINE CABINET

Made of solid quarter-sawed oak, white enamel finish, 24x26 inches, mirror plate bevel, blue enamel lined, weight about 35 lbs.

No. 1452½ Each $18.00
Glass Shelves extra, each 1.85

F. O. B. OUR SOUTHERN INDIANA FACTORY.

G.W. HUNTLEY CO. CHICAGO

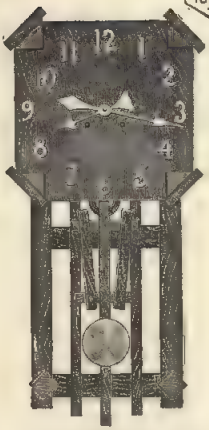
Mission Regulators, Etc

PRICES EACH

1863 1916

No. 2849 ..... $12.10
Flemish finish, solid oak case, eight-day, half-hour strike on cathedral gong, height 30 inches, width 13 inches, 12 inch wood dial with brass numerals and hands
New Haven.

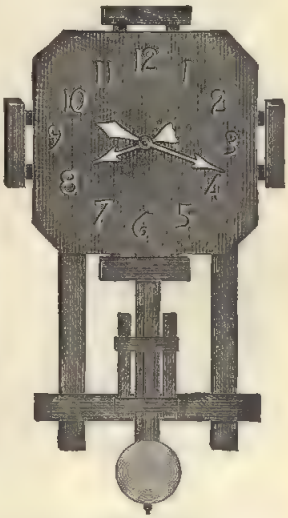
WILLARD No. 8—$13.50
Mahogany.
Cast gilt trimmings; 8 day lever time, 3 inch porcelain dial, gilt sash and bezel, beveled glass height 17¾ inches.
Waterbury.



NO. 2907—$12.05
Flemish oak, eight day, half-hour strike, cathedral gong, 12 inch wood dial with brass hands and numerals Height 30½ inches, width 14⅛ inches.
New Haven.

No. 3—DEN
Dark oak; 10 inch dial, height 25⅝ inches; width 13 inches.
Eight day, spring, time..... $13.75
Eight day, spring, half-hour strike, gong 16.50
Waterbury.

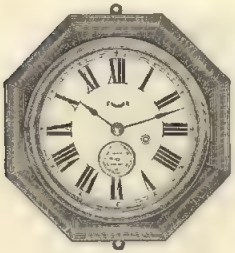
DEN—No. 4
Dark oak, 12 inch dial; height 17½ inches; width 12 inches.
8 day time $12.85
8 day, half hour strike gong 15.60
Waterbury



MADRID—$11.50
Spanish Mission Hanging.
Eight day, half-hour strike, cathedral gong, brass hands and figures height 27⅛ inches, width 15½ inches, dial 15⅛ inches
New Haven

LEVER CLOCKS

PRICES EACH

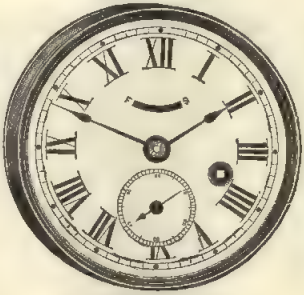


WOOD LEVER

Wood case, mahogany or oak veneer, polished

8-day 6-inch, time	$12.35
8-day, 8-inch, time	16.00
8-day, 12-inch, time	17.50

Seth Thomas



ENGINE LEVER

Metal case, brass or nickel plated, 6-inch dial, hinged bezel

1-day, time, brass	$10.85
8-day, time, brass	15.00

Seth Thomas

NOME

White Enamel or Mahogany

12-inch Arabic Dial

Height, 16¼ inches. Width, 16 inches

8-day, time (pendulum movement)	$13.75
8-day, strike (pendulum movement)	15.50

Waterbury.

ANSONIA

Black walnut or oak

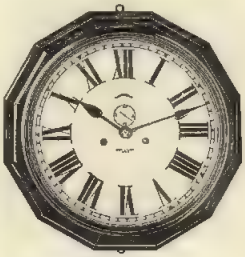
1-day, 6-inch, time	$6.00
1-day, 6-inch, strike	7.15
8-day, 6-inch, time	7.50
1-day, 8-inch, time	7.25
1-day, 8-inch, strike	8.45
8-day, 8-inch time	8.85
8-day, 8-inch, strike	11 70
8-day, 12-inch, time	11.25
8-day, 12-inch, half-hour strike	14.35

Ansonia

OAK LEVER

1-day, 4-inch, time	$ 4.00
1-day, 6-inch, time	6.00
1 day, 6-inch, strike	7.35
8-day, 6-inch, time	8.00
8-day, 8-inch, time	8.95
8-day, 8-inch, half-hour strike	11.70
8-day, 12-inch, time	13.45
8-day, 12-inch, half-hour strike	14.20

Waterbury



WOOD LEVER

Solid oak or walnut

8-day, 6-inch dial, time	$ 9.65
8-day, 8-inch dial, time	10.50
8-day, 10-inch dial, time	12 00
8-day, 12-inch dial, time	13.35
8-day, 8-inch dial, strike	12.20
8-day, 10-inch dial, strike	12 70
8-day, 12-inch dial, strike	15.00

New Haven

BRASS OR NICKEL

1-day, 6-inch, time	$5.00
1-day, 6-inch strike	7.15
8-day, 6-inch, time	7.30
1-day, 8-inch time	7.25
1-day, 8-inch, strike	8.45
8-day, 8-inch, time	8.85
8-day, 8-inch, strike	11.70

Ansonia

NICKEL LEVER

8-day, 8-inch, time	$ 8.95
8-day, 8-inch, half-hour strike	11.70

Waterbury

CANTON

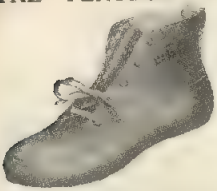
Nickel or brass

8-day, 6-inch dial, time	$ 9 70
8-day, 8-inch dial, time	10.50

New Haven

MOCCASINS

THE "PENOBSCOT"



The regulation pac, but of better leather and better made than is usually sold. One-piece vamp, viscolized, full bellows tongue, single bottom, tan or russet color.

No. PP5. Height, 5 ins....$4.50
No. PP8. Height, 8 ins.... 5.50

"PAWNEE"

This is the regular Indian style. Made of waterproofed, brown tanned leather, thong laced across instep and around heel.

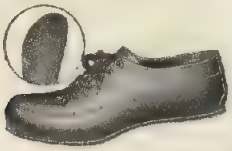
Single Sole

No. 93S. Men's $2.40
No. 95S. Boys'..... 2.15

Tapped Sole

No. 93D. Men's $3.15
No. 95D. Boys' 2.95

SCOUT MOCCASIN



Made over an anatomical last that is specially suitable for a boy's growing feet and comfortable for youngsters and "grown-ups." A soft, pliable low cut shoe of good quality tan leather, with light flexible sole and one lift heel.

No. SM. Men's sizes... $3.25
No. SB. Boys' sizes..... 2.75

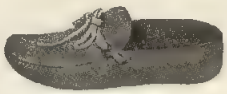
THE "STILLHUNTER"

Made with a double bottom, the vamp and bottom being in one piece and the outer bottom extending well up on the sides of the vamp. Often used for still hunting by those with tender feet.

For Men. Tan or russet leather, chrome tanned.
No. MD8. Height, 8 ins. $7.00

For Women. Chocolate colored, chrome tanned leather.
No. WD8. Height, 8 ins. $5.25

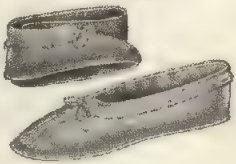
"BUNGALOW"



For canoe, camp or cottage use. Similar to a moccasin, but of neater design. Thread sewed, with leather thong, oak tanned, tan suede color.

No. 50. Men's sizes.....$2.25
No. 51. Boys' sizes 2 to 5 2.00

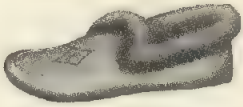
"PULLMAN"



A soft leather slipper that will fold like a glove. Admirably adapted for travelling on Pullman cars or for home use. A beautiful shade of Quaker gray, suede finish, horsehide, with silk lining.

No. 73. Men's or women's $2.00

THE "KIMONA"



A soft, comfortable, lounging moccasin for women Beaver fur trimmed.

No. 61. Color, Nutria....$3.50

INDOOR MOCCASINS

Made of soft reindeer brown leather with stitched sole of same material. The girl's are decorated with burnt and painted "Camp Fire Girls" design and the boy's with Indian head.

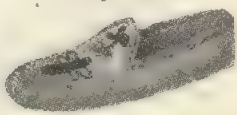
No. 56G. Girls'. $1.50
No. 55B. Boys'..... 1.50

BEADED MOCCASINS

Of same material as above but decorated with beads. Women's and children's sizes.

No. 48T. Tepee design...$1.75
No. 48A. Arrow design.. 1.75

"ESQUIMO"



Made by Alaskan Indians from genuine sealskin with the fur outside and beautifully decorated with beads. Warm, comfortable, unique. For infants, children and women.

No 99. Assorted sizes...$2.25

Delivery Prepaid in U. S. if Cash as Above is Sent with Order

SPECIAL SHOES

ARMY SHOE—MUNSON LAST

The last over which this shoe is made was worked out by Government experts and since the adoption of this last, the foot troubles of our soldiers have been greatly reduced. The regular army, now marching across the arid desert of Western Mexico, as this book is being written, are wearing Herman's U. S. Army, Munson Last Shoes. They are not waterproof, as the Government's theory is, it is better to have the men get wet feet than to limit the "breathing" of the foot through the pores of the leather. The toes are wide, allowing the foot to spread in its natural position, and the heels are snug, holding the foot from slipping forward. They are an ideal tramping shoe for men in all walks of life.

No. **65.** Russet leather...**$4.45** No. **67.** Black leather...**$4.45**

BOY SCOUT SHOES

Uppers of chrome tanned leather, tan color, soft as a glove and well fitting. Pliable elk sewed sole with reinforced oak-tanned outer lift on heel. Fine for camp or country wear.

No. **21Y.** Sizes 1 to 5½..... **$2.50**
No. **21M.** Sizes 6 to 11..... **3.00**

WADING OR FISHING SHOES

This shoe opens down to the toe, so the foot can be set easily in the shoe. Top is made of the best leather-bound, heavy canvas reinforced and the vamps of pliable leather.

No. **313.** Not waterproof..... **$4.50**

FELT FOOTEES

Made of gray felt and moulded to conform to the contour of the foot. They are excellent for wearing inside of rubber boots or loose-fitting shoes.

No. **60.** Felt, all sizes..... **$ .50**

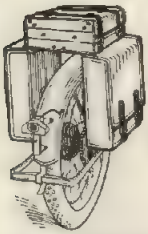
SHEEPSKIN INNER SHOES

Made of sheepskin with the wool side in. "Warm as toast" when worn inside of some loose-fitting shoe or without outer shoe when driving or sleeping out of doors. Nos. 29 and 30 are intended for home or camp slippers.

No. **27.** Low cut, 3½ ins. high.. **$ .75**
No. **26.** High cut, 6 ins. high.. **1.00**
No. **29.** With soft leather sole. **1.25**
No. **30.** Women's sizes, soft sole **1.25**
No. **80.** Cork Insoles..... **.10**

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

MOTORCYCLE PANNIERS AND CARRY-ALL



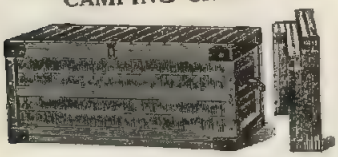
Made of heavy brown waterproof canvas with attaching straps of latigo leather which will not crack or become hard. The side bags or panniers and the top bag or carry-all are sold separately. Can be attached to the carrier of any motorcycle and used for innumerable purposes, by tourists, sportsmen, salesmen, messengers and postmen on rural free delivery routes.

No. **B10.** Panniers, 16x11x4 in. Weight 1¾ lbs., each, **$3.00**, pair **$6 00**
No. **B15.** Carry-all, 14x17x7½ in., weight 1¾ lbs., each..... **3.50**

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

PACKING CASES

CAMPING CHEST



The strong corner supports, with woven wooden sides, make this chest remarkably strong in proportion to its weight. The corners are protected by steel plates. It is made so it can be shipped knocked down if desired and very quickly put together. Not watertight but a rubber blanket inside will protect the contents. Inside measurements. 39x16x15½ inches. Weight 34 lbs.

No. **143.** List.. .**$4.50.** Net....**$3 60**

ROUND PACKING CASES

Made of strong fibre called leatheroid, and supplied with strap, slides and buckle. A suitable size to hold pot, stove and cooking outfit. These cases are useful for all kinds of packing, especially where breakage is to be guarded against.

No. **15.** 12x11 in. Weight 4 lbs.....**$3.75**
No. **16.** 13x16 in. Weight 4½ lbs.... **4 25**

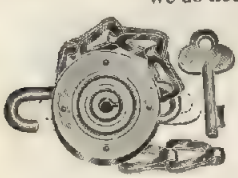
OBLONG PACKING CASES

Fitted with two leather handles and straps with brass lock buckle. Being made of fibre it is much stronger and lighter than an ordinary trunk.

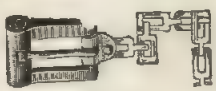
No. **17.** 17x22x9 in. Weight 15 lbs. **$10 50**
No. **18.** 18x24x12 in. Weight 19 lbs. **12 00**

We do not Pay Transportation on Chests and Cases

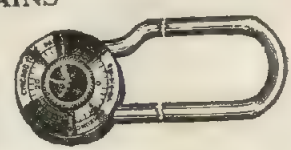
LOCK AND CHAINS



NO. 12



NO. L1



NO. C1

These chains are useful for many purposes, such as locking canoes to docks, securely fastening top of duffle bag, by passing through grommets, etc. Either style may be locked in any link of the chain.

No. **12.** Lock with 15- inch steel chain, weight 2 ounces. .. .. **$ .50**
No. **L1.** Lock with 20-inch steel chain, weight 2 ounces **1.50**

COMBINATION LOCK

The larger size has an offset hasp, which will pass through the grommets of the bag and the smaller size is suitable for many purposes.

No. **C1.** Hasp 3x1 in., weight 10 ounces..... **$1 35**
No. **DD.** Hasp 2x¾ in., weight 3½ ounces..... **85**
No. **D.** Hasp 2x⅝ in., weight 3 ounces..... **75**

Delivery in the U. S. Prepaid if Cash is Sent with Order at Above Prices

DUFFLE AND FOOD BAGS

DUCK DUFFLE BAGS, GRADE "B"

The grade of material used in these bags and the method of making is quite satisfactory for ordinary use such as canoe trip or the usual vacation outing. The brown canvas is waterproofed and the tops are fitted with throat-pieces and heavy cord draw-strings which pass through brass grommets to close the top. The 9x24 inch size is usually selected for carrying foodstuffs and the larger sizes for bulkier duffle.

Locks with chains attached for lacing through the grommets will be found described on page 46.

No.	Diameter	Length	Weight About	No Handles	No.	With Handles
1B	9 in.	24 in.	1 lb.	$ 90	1H	$1 15
2B	12 in.	34 in.	1¾ lbs.	1 30	2H	1 60
3B	15 in.	34 in.	2¼ lbs.	1 65	3H	1 95
4B	18 in.	34 in.	2¾ lbs.		4H	2 25

DUCK DUFFLE BAGS, GRADE "A"

These bags are made of extra heavy, strong waterproof duck and will stand rough handling. They are fitted with inside throat-pieces, with grommets and draw-strings in addition to the usual grommets in the bag proper, and handles on bottom and side. Recommended for horse packing or other strenuous work.

No.	Diameter	Length	Weight About	With Handles
1A	9 in.	24 in.	1¼ lbs.	$1.60
2A	12 in.	35 in.	2¾ lbs.	2.25
3A	15 in.	35 in.	3¾ lbs.	2.75
4A	18 in.	35 in.	4 lbs.	3 15

Delivery Prepaid in U. S. if Cash as Above and 10c. Extra is Sent with Order

FOOD BAGS, FRICTION TOP CANS AND FOOD CONTAINERS

The articles enumerated below are very convenient for carrying supplies of food in a safe manner and are light and inexpensive.

The Provision Cases are made of strong cardboard, paraffine coated inside, black paperoid outside, air tight, tin bottom with metal screw top. There are four sizes, all nesting, and can be packed in a space of 5x2¾ inches when not in use. The cans have close-fitting friction tops and will safely carry butter, lard or other foodstuffs. The screw top bottle fits the No. B case.

		Each	Doz.
No. 0F.	Light waterproof cloth bag 5x8 inches	$ .09	$1 00
No. 1F.	Light waterproof cloth bag 8½x9 inches	.12	1 35
No. 2F.	Light waterproof cloth bag 8½x15 inches	.15	1.70
No. 3G.	Grease proof pantisote bag 8½x12 inches	.65	7 50
No. T4.	Friction top tin can 2½x2 inches	.05	.50
No. T5.	Friction top tin can 4½x2¾ inches	.10	1.00
No. T6.	Friction top tin can 3x8 inches	.20	2.20
No. T7.	Friction top tin can 6x8 inches	30	3 35
No. A.	Provision case cardboard, 3¾x1 inches	03	30
No. B.	Provision case cardboard, 3¾x1½ inches	04	.40
No. C.	Provision case cardboard, 4½x2 inches	05	.50
No. D.	Provision case cardboard, 4¾x2½ inches	06	60
No. E.	Bottle, glass metal screw top 3⅝x1¾ inches	.06	60

Delivery Prepaid in U. S. if Bought in Amounts of $1.00 or Over

Steel Row Boats.

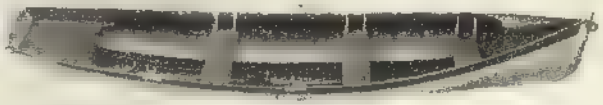
MULLIN'S

"Prince," with Bottom Boards, Rowing Braces, Two Pair Oar Locks, Tying Rings at Bow and Stern, Air Tight Compartment Under Decks Like a Lifeboat, and One Pair 7½ Foot Straight Ash Oars, Finished in Aluminum Outside, Light Blue Inside, Natural Wood Trimmings.

Each

Prince—14 ft. Long, 44 in. Beam, 22 in. High at Bow, 21½ in. Stern, 13½ in. Amidship.....**$79.00**

Weight Each, Crated, About 235 Pounds

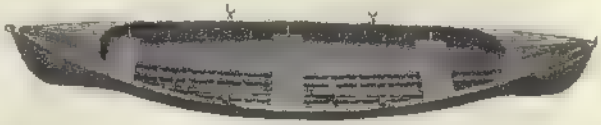


"Sultan," with Bottom Boards, Rowing Braces, Two Pairs Oar Locks, Tying Rings at Bow and Stern, Air Tight Compartments Under Decks Like a Lifeboat, One Pair 7½ Foot Straight Ash Oars, Finished in Aluminum Outside, Light Blue Inside, Natural Wood Trimmings

Each

Sultan—16 ft. Long, 50 in Beam, 25 in. High at Bow, 23½ in. Stern, 15 in. Amidship..... **$87.70**

Weight Each, Crated, About 275 Pounds.



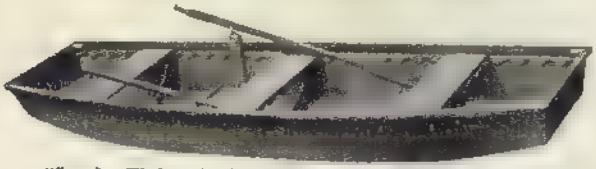
"Queen," with Bottom Boards, Rowing Braces, Two Pairs Oar Locks, Tying Rings at Bow and Stern, Air Tight Compartments Under Decks Like a Lifeboat, One Pair 7½ Foot Straight Ash Oars, Finished in Aluminum Outside, Light Blue Inside, Natural Wood Trimmings.

Each

Queen—15 ft. Long, 44 in. Beam, 22 in. High at Bow, 22 in. Stern, 13½ in. Amidship.....**$81 15**

Weight Each, Crated, About 225 Pounds.

HUNTING AND FISHING BOATS



"Izaak Walton," Heavy Corrugated Double Galvanized Steel Bottom, Scalloped Seat Rails and Braces, One Pair Oar Locks, Tying Rings at Bow and Stern, One Pair 7½ Foot Straight Ash Oars, Finished Dead Grass Color Inside and Outside.

Each

"Izaak Walton"—14 ft. Long, 38 in. Beam, 11 in. High at Bow, 11 in. Stern, 15 in. Amidship.....**$65.60**

Weight Each, Crated, About 195 Pounds.

EXTRA EQUIPMENT FOR "IZAAK WALTON" HUNTING AND FISHING BOATS

Per Pair

No. 1—Air Chambers **$10 00**

Each

No. 2—Swivel Chair..**$6.70**

No. 3—Fish Box..... **6 00**

No. 4—Life Preserver Pillow **3.50**

Per Set

No. 5—Two Anchors, Cables and Pulleys **$7 80**

Each

No. 6—Back Rests . **$3 00**

Cut Shows Extra Equipment.

Steel Duck Boats.

MULLIN'S

"Get There," with Bottom Board, Movable Seat, Oars and Oar Locks and One Long or Short Paddle, Painted Dead Grass Color

Each

Get There—14 ft. Long, 36 in. Beam, 12½ in. High to Top of Coaming at End, 10 in. Amidship, 9 ft Long Cockpit, 30 in. Wide Cockpit.....**$51.15**

Weight Each, Crated, About 130 Pounds.

"Bustle," with Bottom Board, Movable Seat, Oars and Oar Locks, One Long or Short Paddle, Painted Dead Grass Color.

Each

Bustle—14 ft. Long, 46 in Beam, 12½ in. High to Top of Coaming, 10 in. Amidship, 9 ft, Long Cockpit, 30 in. Wide Cockpit.....**$63.60**

Weight Each, Crated, About 150 Pounds.

All the Above are Shipped Direct from Factory, F. O. B. Salem, Ohio.

Muscallonge Baits.

TROLLING SPOONS

HOLT'S

No. 8—Half Size Cut

Oval Pattern, Nickel Plated Spoon, Extra Heavy Feathered Treble Spear Point Hooks, Brass Barrel Swivel, Brass Wire Leader.

Nos.	6	7	8
Size of Spoon, Inches	2¾x1⅝	3⅛x1⅝	3⅝x2⅞
Per Dozen	$4.50	4.50	4.50

Approx. Weight Per Dozen 1 Pound.

One Dozen in a Box.

SOUTH BEND SPECIAL

Cuts Half Size.

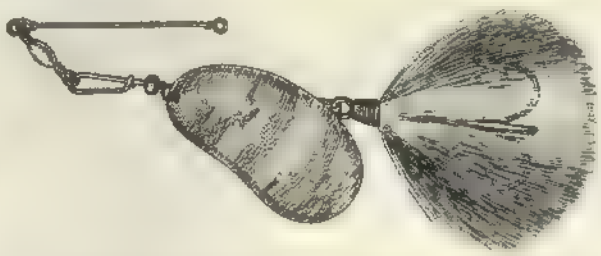
Extra Strong, Nickel Plated, Oval Spoon, Heavy Hollow Point Treble Hook, **Long Heavy Bucktail Hair**, White with Red Mixed, Brass Barrel Swivel, Brass Wire Leader

Per Dozen

No. 710A -3¾x1⅝ in. Spoon, No. 10/0 Heavy Treble Hook $11.15

Approx. Weight Per Dozen 1½ Pounds

One-twelfth Dozen in a Box



Extra Strong Pearl Kidney Pattern Spoon, Heavy Hollow Point Treble Hook, **Long Heavy Bucktail Hair**, White with Red Mixed, Brass Barrel Swivel, Brass Wire Leader.

Per Dozen

No. 710P—3x1½ in. Spoon, No 10/0 Heavy Treble Hook $14.50

Approx. Weight Per Dozen 1½ Pounds

One-twelfth Dozen in a Box

Muscallonge Spinners.

McMURRAY'S

No. 42—Cut About One-third Size.

Extra Strong, Nickel Plated Blade, Hollow Point Treble Hook, Brass Barrel Swivel.

Per Dozen

No. 42—7x3 in. Blade, No. 10/0 Extra Strong Hook $15.60

Approx. Weight Per Dozen 4½ Pounds.

One-twelfth Dozen in a Box.

Muscallonge Minnows.

Pure Soft Rubber, Silver Belly, Blended Green Back, Mounted with Extra Strong Hollow Point Feathered Treble Hook, Brass Barrel Swivel, Metal Side Fins.

Per Dozen

No. 819—7 in. Long..... $26.90

Approx. Weight Per Dozen 5 Pounds.

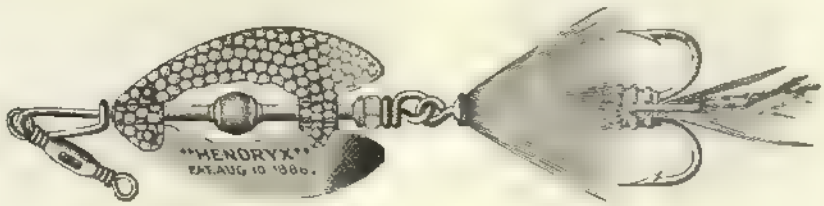
One-twelfth Dozen in a Box.

No. 819 Third Size Cut.

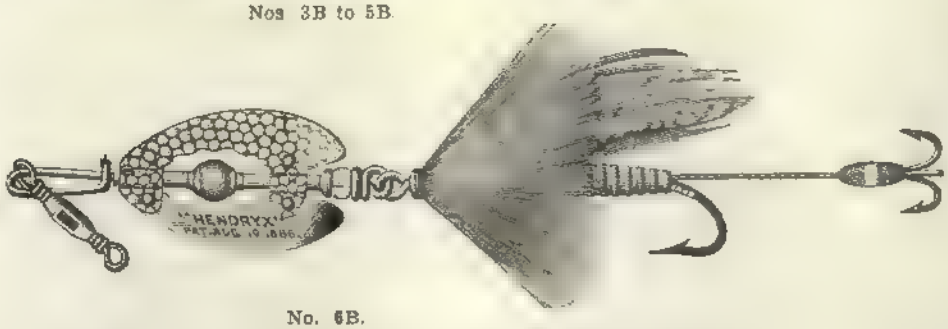
Trolling Spoons.

AMERICAN SPINNER, WITH BUG

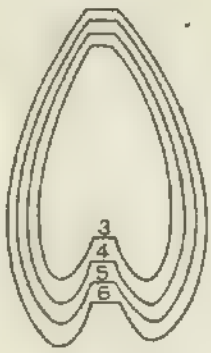
Cuts Full Size.



Nos 3B to 5B.



No. 6B.



Scale of Sizes.

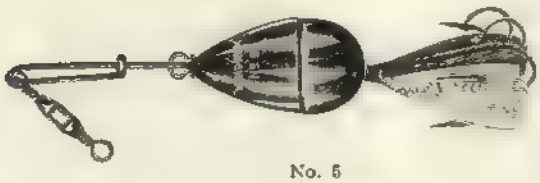
No. 100—Hammered Bronze, Nickel Plated and Brass Blade, Best Quality Hollow Point Feathered Treble Hooks, with Finely Colored Bug, Brass Swivels.

Size Nos.	3B	4B	5B	6B
Size of Blade, Inches	2 1/16 x 1 3/16	1 7/8 x 1 1/8	1 5/8 x 1 1/16	1 3/8 x 7/8
No. of Hooks	3/0	2/0	1/0	1
Per Dozen	$6.70	6.70	6.70	6.70

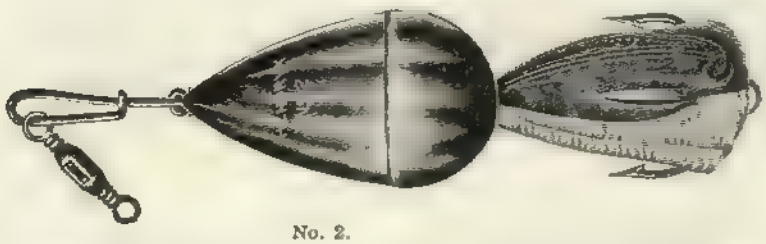
Approximate Weight Per Dozen 1½ Pounds.

One-twelfth Dozen in a Box; One-half Dozen in a Package.

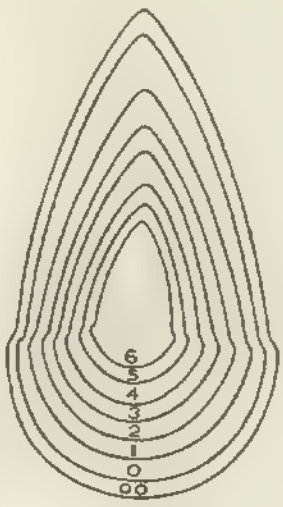
HENDRYX, "A" QUALITY



No. 5



No. 2.



Scale of Sizes.

No. 850—Extra Fine, Half Gold and Half Nickel Plated Brass Spoon, Full Feathered with Duck, Peacock and Guinea Feathers, Best Quality Hollow Pointed Treble Hook, Spring Brass Snap and Best Quality Brass Swivel.

Size Nos.	6	5	4	3	2	1	0	00
Size Spoon, Inches	1 1/16 x 3/8	1 1/8 x 7/16	1 3/16 x 7/16	1 5/16 x 1/2	1 7/16 x 1 1/8	2 1/16 x 1 1/16	2 1/16 x 1 1/8	2 1/16 x 1 5/16
No. of Hooks	6	4	1	1/0	3/0	4/0	6/0	7/0
Per Dozen	$2.80	2.80	2.80	3.65	3.65	3.65	4.50	4.50

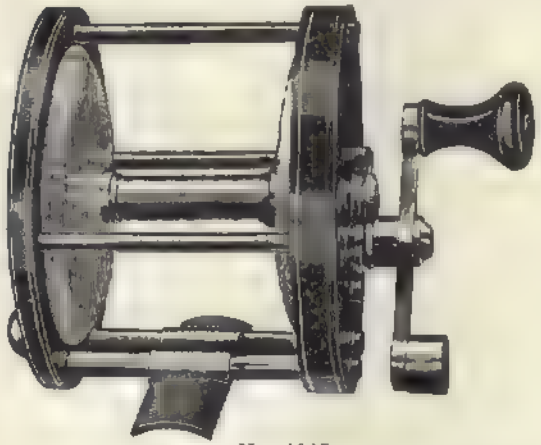
Approximate Weight Per Dozen 1½ Pounds

One Dozen in a Box.

Fishing Reels.

MUSCALLONGE TROLLING

DOUBLE MULTIPLYING



No. 4007.

Nickel Plated Frame, Rubber Plates, Steel Pivots, Steel Axle, Spring and Ratchet, Large Fancy Handle, with Click

Plain Caps.

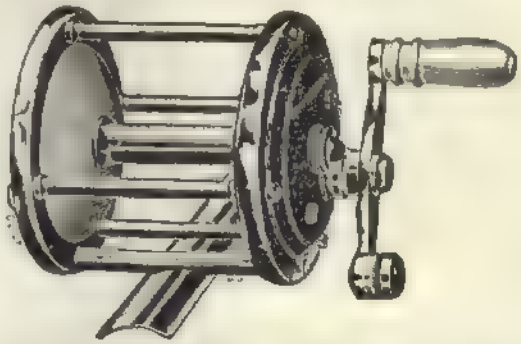
Nos.	4006	4007	4008	4009
Capacity, Yards	150	200	250	300
Diameter Disk, Inches	2 7/8	3 1/8	3 3/8	3 5/8
Pillar, Inches	2 1/8	2 1/8	2 1/8	2 1/8
Ap. Wt. Per Dozen, Lbs.	10 1/2	11	11 1/2	12
Per Dozen	$53.50	59.50	69.00	77 75

Jeweled Caps.

Nos.	4006J	4007J	4008J	4009J
Capacity, Yards	150	200	250	300
Per Dozen	$62 25	69 00	77.75	86.90

One-twelfth Dozen in a Box.

QUADRUPLE MULTIPLYING



Extra Fine Quality, Nickel Plated Brass and Rubber with Metal Bound Edges, Steel Axle, Pivots and Pinion, Metal Bridge for Steel Cog Posts, Steel Ratchet, Steel Spring, 1⅝ in. Long Spool, Fancy White Celluloid Balance Handle, Adjustable Back Sliding Click and Drag.

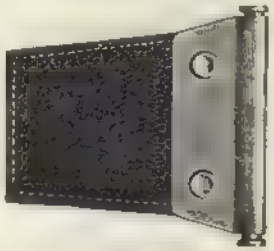
Jeweled Caps.

Per Dozen

No. 430J—Capacity 150 Yards, Diameter of Disk 2½ in., Weight Per Dozen About 10 Lbs....$86 50

One-twelfth Dozen in a Box.

Thumb Brakes.



Leather Faced with Rawhide. German Silver Metal Clasp.

Per Dozen

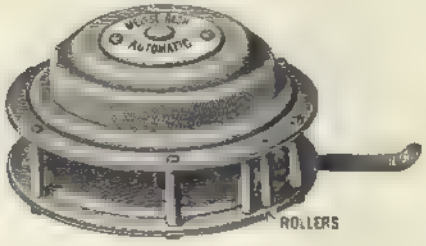
No. 2—Length of Leather 1⅞ in., Width at Top of Leather 1⅝ in., Width at Bottom of Leather 1¼ in., Width of Clasp 1 1/16 in., Weight Per Dozen About ½ Lb $5 00

Will fit Nos. 4006 to 4008 and Nos. 4006J to 4008J Reels The Metal Clasp is left open so as to permit of adjusting to any size reel.

One Dozen in a Box.

Automatic Fishing Reels.

MEISSELBACH



Aluminum Frame, Hard Brass and Tempered Steel Working Parts, Working in German Silver Bearings, Finest Tempered Steel Spring, Carbon Steel Main Shaft.

Each

No. 12—Capacity 100 Yards No. 5 Line, Size of Spool 3 in. Diameter, ⅝ in. Wide, Weight Each About 11 Oz.....$5 00

This Reel has an exclusive feature in a Safety Winding Device which allows the spring to be wound up at any time when line is in or out by turning the Milled Spring Box without danger of over-winding

Spool has Friction Release, allowing stripping of spool under all conditions. Spool is fitted with Safety Release which allows the spool to be run at any speed without any fear of injuring the mechanism.

One in a Box.

Automatic Fishing Reels.

MARTIN'S

Aluminum Drum Reinforced on the Inner Rim by a Collar of Hard Brass, Knurled in, Best Grade Spring Steel Main Spring, Tempered, Aluminum Back and Posts, Brass and German Silver Wearing Parts, Brass Line Spool, Brass Parts Nickel Plated, Aluminum Polished

Each

No. 1A—Creek Whipper, Trout, Line Spool 2¾ in Diameter, ⅞ in. Hub, ⅜ in. Wide, Holds 25 Yards Medium Line, Weight Each About 8 Oz $6.75

No. 2—Fly Casting, Line Spool 2¾ in. Diameter, ⅞ in Hub, ⅜ in Wide, Holds 30 Yards Casting Line, Fitted with Lock Brake which Throws the Finger Lever Out and Makes Free Running Spool, Weight Each About 8 Oz..... 7.25

One in a Box.

Fishing Reels.

No 8

AMATEUR, TROUT

Single Action, Nickel Plated, Perforated Sides, Steel Bearings, with Side Drag.

Per Dozen.

No. 8—Capacity 60 Yards, 2¼x¾ in. Spool, Weight Each About 2½ Oz $6.75

This Reel attaches to side of Rod and is a very low priced Trout Reel.

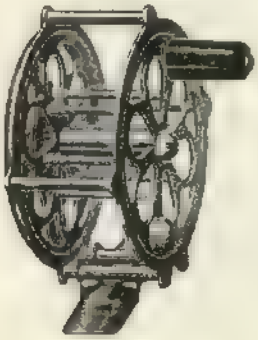
EXPERT

Single Action, Nickel Plated Brass, Perforated Sides, Steel Bearings, Riveted, Patented Compensating Pawl, Improved Back Sliding Click.

Nos	19	17
Capacity, Yards	60	100
Size Spool, Inches	2¼x¾	3x1
Ap. Weight Each, Oz	4½	6½
Per Dozen	$32 00	40 00

No 19, Trout Size; No 17, Bass Size.

Nos. 19 and 17.



Nos 1183 and 1184

PROGRESS

Single Action, SATIN GUN METAL FINISH, Raised Pillar, "One Piece" Perforated Back Plate, Perforated Removable Spool, Steel Axle, Adjustable Back Sliding Tempered Steel Click, Hard Rubber Handle.

Nos.	1183	1184
Capacity, Yards	60	80
Pillar, Inches	¾	1
Diameter of Disk, Inches	2¾	2¾
Ap. Weight Each, Oz	3½	4
Per Dozen	$17 25	17.80

One-twelfth Dozen in a Box.

FEATHERLIGHT

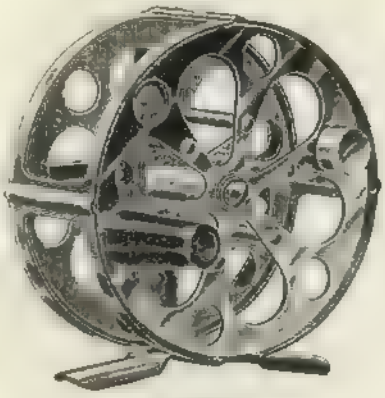
Single Action, Nickel Plated, One Piece Frame, Removable Spool, Back Sliding Double Pointed Hardened Steel Click, Steel Spindle.

Nos.	250	260	290
Capacity, Yards	40	60	100
Size Spool, Inches	1⅝x¾	2¼x¾	3x1
Ap. Weight Each, Oz	2⅛		
Per Dozen	$14 75	17 35	23 75

No 250 is Trout Size; No. 260, Bass Size, and No. 290, Pickerel Size

One-twelfth Dozen in a Box

Nos. 250 and 260



No 290

Line Dressing.

Put Up in Screw Top Cans.

Per Dozen

Kingfisher—Prepared Especially for Oiled and Enameled Lines, Weight Per Dozen About 2 Lbs. $4.50

One Dozen in a Box, with Full Directions for Using on Each Can

Line Releaser.

Cut Full Size.

Per Dozen

No. 1—Dirigo Fish Line Releaser, Polished Brass $5.00

Directions.

Fasten enough strong line firmly to side of releaser. Open releaser by unlocking weight, pass over fish line, close and allow to descend rapidly over fish line. When releaser will strike entangled hook forcibly, it will generally release the fastened hook

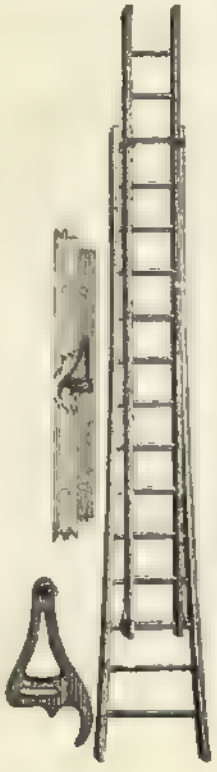
Open Stock

Long Ladders.

Made of First-Class Stock, with Hickory Rungs, Well Fastened to Sides.

Length, Feet	10	12	14
Approx. Weight Each, Lbs.	20	24	28
Each	$2 00	2 40	2.80
Length, Feet	16	18	20
Approx. Weight Each, Lbs	32	36	40
Each	$3 20	3 60	4 00

Open Stock



Extension Ladders.

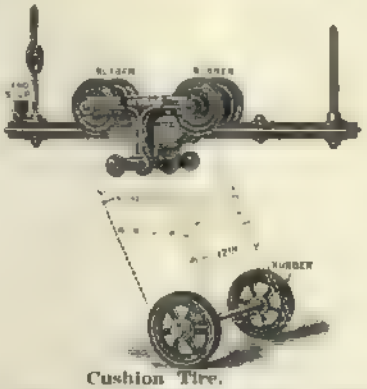
Made of First-Class Stock, Hickory Rungs, Double Roller, Malleable Iron Gravity Drop Hooks with Lug.

Length, Feet	24	26	28	30	32
Approx. Weight Each, Lbs.	60	65	70	75	80
Each	$6.40	6.94	7.48	8.02	8.56
Length, Feet	34	36	38	40	42
Approx. Weight Each, Lbs.	85	90	95	100	105
Each	$9 10	9.64	10.18	10.72	11.26

Open Stock

Rolling Shelf Ladders.

MYERS' TROLLEY



Cushion Tire. **Each**

No. 100—Myers' Ladder and Trolley, Complete, Ready to Put Up. Average Weight, Crated, 60 Lbs.....$22 25

Track for Above Ladders. **Per Foot**

Track—For Myers' Ladders, Complete with Hangers.....80 34

Description.

The Ladder is constructed of the best clear Georgia Pine, nicely finished, filled and varnished, has open panel sides, 5 inches wide, with 5 inch steps. Each step is supported at each end with special malleable dowel iee, which makes the strongest construction possible. **The width of the ladder is 12 inches.**

The Trolley is self adjusting and made of malleable iron fitted with turned steel bearings and 3 inch anti-rattler wheels, turned and bored on lathe and fitted with rubber tires.

The Track is double angle steel rail, which is very neat and strong, and is suspended from ceiling by means of lag screws, either jointed or rigid or by flanged plates and wood screws. By this means the track is placed close to the ceiling and can be leveled on an uneven ceiling without the least trouble and without any blocking or bridging, as is the case in many other tracks.

The Floor Travelers are 5 inches in diameter, composed of metal sides with **rubber cushion tires** clamped in such a position as to be impossible to get off or come loose. These wheels are placed on a steel axle which revolves with one of the wheels, the other running loose. In this manner the ladder will adjust itself to the floor. With this style trolley **which is noiseless, a great objection in other ladders is overcome.**

When the ladder is not the proper length for ceiling, cut off at the bottom and replace the lower traveler shaft by boring new holes at the proper point so as to have the steps of the ladder level.

DIRECTIONS FOR ORDERING STORE LADDERS

Give the exact Height of Ceiling and the Length of Each Track, and the Fitting will be done at the Factory. If the Height of the Ceiling varies give the Height of Ceiling at Each End and Center of Each Run of Track.

G.W. HUNTLEY CHICAGO

Fine Sleds, Bucking Bronchos and Swinging Horses

1863 1916

Sleds F. O. B. Our New York Factory. Horses F. O. B. Our Michigan Factory.

NATIONAL COASTER STEERING SLED

A new steering sled in natural wood

This sled is put on the market to meet any call for a natural wood finish and a popular priced sled

Great care has been exercised in getting up this line, both in material and workmanship

Considering price and quality, it stands without a peer in the sled market

Steel is high carbon; wood is white ash, hand striped, filled and finished with a fine grade of white spar varnish, giving a beautiful, clear effect

Pressed steel knees T-shaped runners, designed especially for these sleds Packed two in a bundle

			Weight per doz.	Price per doz.
No. 102	Length 33 inches. Width 11¼ inches.	4 knees	80 lbs	$26.20
No. 112	Length 37 inches. Width 12 inches.	4 knees	90 lbs	32.55
No. 122	Length 41 inches. Width 13 inches.	4 knees	102 lbs	39.05
No. 132	Length 46 inches. Width 13½ inches.	4 knees	108 lbs	43.40
No. 142	National Coaster, length 48 inches. Width 13½ inches. Flexible carbon spring tee steel runners		Wt., 115 lbs. per doz.	49.95

SWINGING HORSES

DESCRIPTION

Horse made of solid wood, length from hoof to hoof 33 inches long. Artistically painted with air brush to a dapple gray finish Has full hair mane and tail, English leatherette saddle, breast band, martingale and reins.

Stirrups have continuous leather strap over body

Stand made of the best quality of steel, enameled in green, red or black and baked at 350 degrees fahrenheit, and is mounted with base made of wood, artistically finished Height from floor to top of head, 28 inches

No. 502 Each $9.60

Same as above length, 38½ inches, fitted with glass eyes, full shaped hoofs and horse shoes. Height 33 inches.

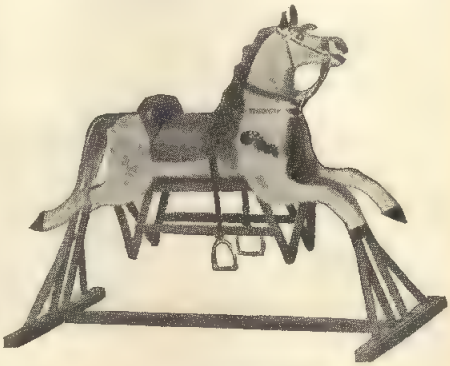
No. 1002 Each $13.95

Same as No. 502 with detachable saddle, green corduroy saddle blanket edged with braid. Size 33 inches long, 28 inches high.

No. 752 Each $11.70

Same as No. 1002 with detachable saddle, green corduroy saddle blanket, edged with gold fringe, 38½ inches long, 33 inches high.

No. 1252 Each $15.10



SWINGING HORSE

BUCKING BRONCHO

BUCKING BRONCHO

Made in four different styles and sizes to accommodate the children from four to twelve years of age. Propelled by the motion of the horse, assisted by the hand lever, thereby eliminating all dead centers, and imparting to the child as natural a movement as that produced by a real galloping horse. The horse not only rocks but he leaps like a real live horse.

Description

Horse made of solid wood, length from hoof to hoof 38 inches. Artistically painted with air brush to a dapple gray finish. Has full hair mane and tail, glass eyes. Fancy breast band, martingale and reins, detachable saddle, green corduroy saddle blanket, edged with braid. The running gear is made of the best quality of steel, very strongly built to graceful lines. Enameled in colors, red, green or black and baked at 350 degrees Fahrenheit. Front wheels 8-inch diameter rear wheels 14-inch diameter fitted with ½-inch rubber tires. Removable extensions furnished so as to fit small or large child

No. C2332 Each $20.25

Same as above with orange grain leather detachable saddle and bridle with curved tip full shaped hoofs with horse shoes, blanket edged with gold fringe, front wheels 10-inch diameter rear wheels 18-inch diameter ½-inch rubber tires, 38½ inches long

No. C2332½ Each $28.60

Same as C2332 with English leatherette non detachable saddle breast band martingale and reins no glass eyes front wheels 7-inch diameter rear wheels 12-inch diameter, ⅝-inch tires

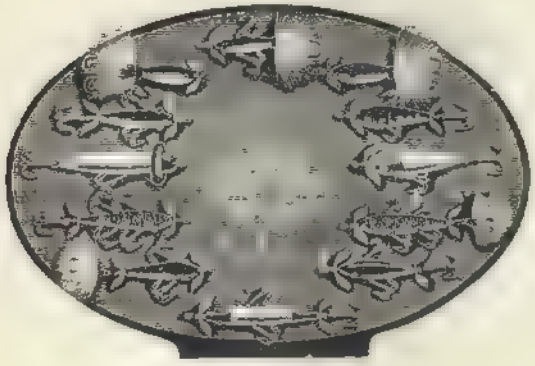
No. C2333 Each $16.00

Same as No. C2332½ with English leatherette, non-detachable saddle, breast band, martingale and reins.

No. C2332½ Each $22.35

Fish Baits.

WOODEN MINNOW ASSORTMENT



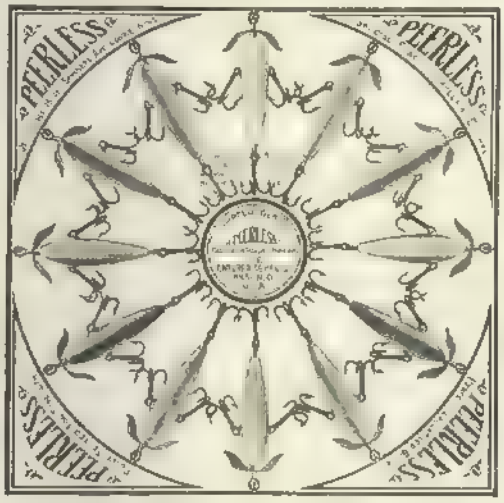
Trolling and Casting Minnows.

Per Assortment

No. 358—**South Bend Assortment.** Consists of One Dozen Minnows with Selected Red Cedar Bodies, Specially Treated and Waterproofed, Finished in Many Coats of Enamel, Beautifully Blended in a Variety of Colors, Spinners, Hooks and Mountings Beautifully Nickel Plated. Mounted on an Easel Back Card, 20½x13½ in., Weight Per Assortment About 1½ Lbs. $8 00

One Assortment in a Box.

"PEERLESS" WOODEN MINNOW ASSORTMENT



Trolling and Casting Minnows.

Per Assortment

No. 115—**Peerless Assortment,** Consists of One Dozen 2½ in. Body Minnows, Coated with Elastic Waterproof Porcelain Enamel, Assorted Green Back with White Belly and Red Back with White Belly, Three Treble Hooks, Nickel Plated Spinners and Connections, Mounted on 12x12 in. Card, Weight Per Assortment About 1½ Lbs. $2 00

One Assortment in a Box.

Wooden Minnows.

"NEVERFAIL"

Selected Red Cedar Round Bodies, Coated with Special Elastic Waterproof Enamel, Nickel Plated Detachable Hooks, Spinners and Connections.

Cut shows two-thirds actual size.

2¾ in. BODY, Two Nickel Plated Spinners, Three Nickel Plated Treble Hooks.

Per Dozen

No. 78—White Enamel Belly, Blended Rainbow Back. $5 35
No. 80—White Enamel Over All 5 35
No. 81—Red Enamel Over All 5 35
No. 84—White Enamel Belly, Blended Yellow and Red Back 5.85
No. 85—White Enamel Belly, Blended Green Back 5 35

Weight Per Dozen About 2¾ Pounds.

One in a Box; One Dozen in a Package.

Cut shows two-thirds actual size.

3½ in. BODY, Two Nickel Plated Spinners, Five Nickel Plated Treble Hooks.

Per Dozen

No. 173—White Enamel Belly, Blended Rainbow Back. $6.15
No. 180—White Enamel Over All 6.15
No. 181—Red Enamel Over All 6.15
No. 184—White Enamel Belly, Blended Yellow and Red Back 6.15
No. 185—White Enamel Belly, Blended Green Back 6.15

Weight Per Dozen About 3¼ Lbs.

One in a Box; One Dozen in a Package.

"NEVERFAIL" MUSCALLONGE MINNOW

5 in. BODY, Two Nickel Plated Spinners, Five Nickel Plated Treble Hooks.

Per Dozen

No. 273—White Enamel Belly, Blended Rainbow Back $12.25
No. 285—White Enamel Belly, Blended Green Back 12.25

Weight Per Dozen About 4½ Pounds.
One in a Box; One Dozen in a Package.

Bucktail Specialties.

BUCKTAIL SPOON BASS FLIES
SOUTH BEND

WEEDLESS, WEIGHTED, Tied with Genuine Deer Tail Hair, Red, White, Brown and Gray Colors, on Hollow Point Hook, Nickel Plated Spoon.

Per Dozen

No. 154—1⅛x⅝ in. Spoon, Tied to No. 5/0 Hook....$8.90

Approx. Weight Per Dozen 8 Ounces

When ordering, specify Color wanted.

One-twelfth Dozen on a Card; One-half Dozen in a Box.

BUCKTAIL CASTING SPOONS
"WATERWITCH"

Tied with Genuine Deer Tail Hair, RED FEATHER CENTER, on Hollow Point Bronzed Treble Hook, Nickel Plated Spoon.

Per Dozen

No. 3—1¼x⅝ in. Spoon, Mounted on Wire Rod, Tied to Nos 1/0, 2/0, 3/0 and 4/0 Treble Hooks...$3.15

Approx. Weight Per Dozen ⅝ Pound

One-twelfth Dozen on a Card; One Dozen in a Box.

BUCKTAIL MINNOW SPOONS
"WATERWITCH"

Tied with Genuine Deer Tail Hair, RED FEATHER CENTER, on Hollow Point Bronzed Single and Treble Hooks, Nickel Plated Spoon.

Per Dozen

No. 5—1⅛x⅝ in Spoon, Tied to Nos. 2/0, 3/0, 4/0 and 5/0 Treble Hooks....$4.50

Approx. Weight Per Dozen ⅝ Pound.

One-twelfth Dozen on a Card; One Dozen in a Box.

BUCKTAIL TREBLE HOOKS
"WATERWITCH"

No. 8—Tied with Genuine Deer Tail Hair, RED FEATHER CENTER, on Hollow Point Bronzed Treble Hook

Size of Hooks, Nos.....	1/0	2/0	3/0	4/0
Per Dozen	$2.00	2.00	2.00	2.25
Size of Hooks, Nos.....	5/0	6/0	7/0	8/0
Per Dozen	$2 25	2.50	2.50	2.80

Approx. Weight Per Dozen 5 Ounces

One-twelfth Dozen on a Card; One Dozen in a Box.

BUCKTAIL GANGS

WATERWITCH, Tied with Genuine Deer Tail Hair, RED FEATHER CENTER on Hollow Point Bronzed Single and Double Hooks.

Per Dozen

No. 6—Tied to Nos. 1/0, 2/0, 3/0 and 4/0 Hooks....$3.15

SPECIAL, Tied with Extra Heavy Filled White Deer Tail Hair, 4¼ in. Long, on Hollow Point Bronzed Treble Hooks.

Per Dozen

No. 4—Special, Tied on Upper No. 5/0 and Lower No. 4/0 Treble Hooks.....$6.70

Approx. Weight Per Dozen 6 Ounces.

One-twelfth Dozen on a Card; One Dozen in a Box.

BUCKTAIL ASSORTMENT

BUCKTAILS, Made of Genuine Deer Tail Hair, Tied with Silk.

Per Assortment

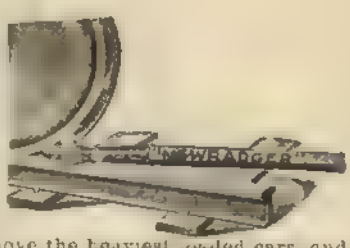
No. 352—South Bend Buck Tail Baits and Weedless Fish Hook Assortment, Consists of Twenty Baits and Hooks Mounted on an Easel Back Card 20½x13½ in., Weight Per Card About 1½ Lbs. $7.80

One Assortment in a Package.

CAR MOVERS

NEW BADGER

Bottom View.



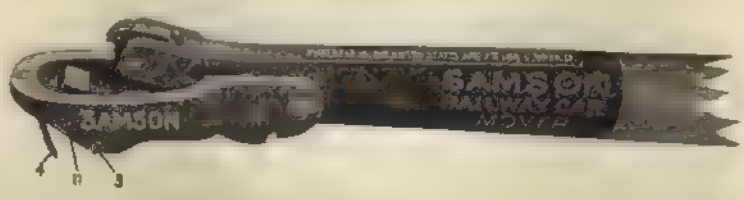
The "New Badger" is made "Slip Proof" by Double Concave Never-Slip Spurs, which grip the very corners of the rail—where it is soft—and when pressure is brought to bear on the handle when moving a car—they grip the rail firmly and the New Badger cannot slip even when the spurs are dulled by long wear.

Provided with a 'Quick Acting' Compound Leverage that has push enough to move the heaviest loaded cars, and on empty cars it is particularly fast in operation, owing to its lengthening cam action and its light weight.

The spurs are held in place by a new spur plate—one bolt to take out and the spurs can be changed or new ones inserted, if necessary, with the aid of a common wrench.

	Each
New Badger—5½ ft. Long, Malleable Iron and Cast Steel Construction, Special Tool Steel Never Slip Spurs, Large Selected Hard Maple Handle, Weight Each 17 Lbs.	$5.00
	Per Pair
Extra Never-Slip Spurs—Special Tool Steel	$0.25

SAMSON



	Each
Samson—5½ ft. Long, Compound Leverage, Annealed Malleable Iron Castings, One Refined Crucible Tool Steel Spur with Four Sharp Edges, Tool Steel Spring, Hard Maple Handle, Complete with One Extra Spur, Weight Each 16 Lbs.	$5.00
Extra Spurs—⅞ in. Square by 3 in. Long, for Samson Car Mover	.25

The leverage of this Mover being compound as soon as pressure is brought to bear upon the handle the two points will come in contact with the car wheel at the proper rolling distance from the point where the wheel rests on the rail and in consequence the car wheel is immediately forced to turn instead of being lifted from the track as is the case with ordinary pinch bar.

IDEAL

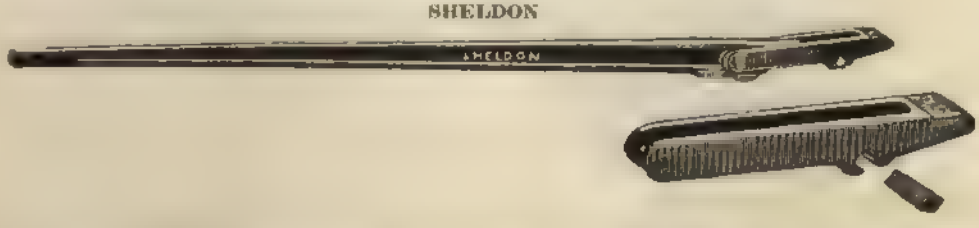
	Each
No. 800—5½ ft. Long, Refined Malleable Iron Castings, Mushet Steel Spurs, Hard Straight Maple Handle, Complete with One Extra Pair of Spurs, Weight Each 16 Lbs.	$5.00
	Per Pair
No. 5—Extra Spurs, Drawn Mushet Steel	$0.25

The Ideal Car Mover is not only the most powerful mover ever designed for moving cars, but it moves a car 20 per cent further per stroke and has absolutely no lost motion.

It is of simple and durable construction as it has but three elements, all assembled by tool steel hinge bolt.

Does not bite the wheel but exerts all the great power of its compound leverage in pushing the car ahead. The top of the pushing knee and point of shoe both engage the wheel at proper rolling distance from where wheel rests on rail and force wheel to turn. There is no friction between the pushing knee and the wheel.

SHELDON



	Each
Sheldon—5½ ft. Long, Malleable Iron Lever and Shoe, Highest Grade Tool Steel Heel and Toe Plates, Interchangeable and Reversible, Weight Each 20 Lbs.	$5.00

The great advantage of this mover is in its compound leverage, which makes it easy for one man to move the heaviest car.

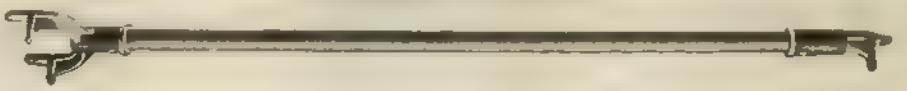
TRACK LEVELS

Each

No. 10—5½ ft. Long, 2½x1¼ in., Made of White Pine with Three Coats of Paint, thus Overcoming the Tendency to Warp and Twist. Thoroughly Steel Bound. Sprit Glass Set in Top and Protected by Handle, without Insulation. Average Weight Each 9 Lbs. ..... $
No. 11—Insulated, Otherwise Same as No. 10. ..

TRACK GAUGES

HUNTINGTON STANDARD



Each

No. 20—5 ft. Long Over All. Gas Pipe Stem, Taper Threaded at Both Ends to which Malleable Iron Prongs are Screwed, the Two Lugs at Fork End Bearing the Flange Edge of Rail Secure at Once a True Right Angle, without Insulation. Average Weight Each 12 Lbs. ..... $
No. 21—Insulated, Otherwise Same as No. 20. .....

TRACK DRILLS

BUDA "HYDUTY" NEW-STYLE PAULUS

This is the style of clutch that has been the standard, and is, therefore, familiar to all users. Constructed with special care and standard in every respect.

Each

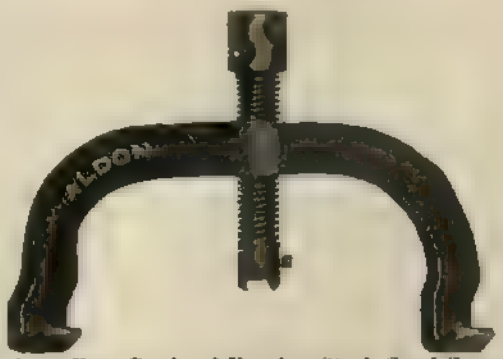
Type "A" Average Weight Each 60 Lbs. ..... $

TRACK WRENCHES

No. 1110—Solid Cast Steel, Oil Finish, 24 in. Long

Opening, Inches.....	¾	1⅛	1⅜	1½
Weight Each, Lbs..	4⅝	4⅝	4⅝	6½
Each	$0.70	.70	.70	1.00
Opening, Inches.....		1¼	1⅝	2⅛
Weight Each, Lbs .		6½	6½	6½
Each		$1 00	1.00	1.00

RAIL BENDERS



Made from Best Grade of Forging Steel, Steel Screw with Machine Cut Square Thread, without Turning Bar.

Nos.	0	1	2	3	4	5
Cap'y, Size Rail, Lbs.	16	25	60	75	85	100
Span of Claws, In..	14	16	20	24	28	28
Diam. Screw, Inches.	1⅝	2	2¼	2½	2⅝	2⅞
Hole for Lever, In..	1	1	1⅛	1¼	1⅜	1⅜
Weight Each, Lbs..	40	65	85	130	145	170
Each	$					

TRACK TONGS

Each

No. 1090—Drop Forged Steel, Oil Finish, for Carrying Rails of all Sizes and Beams. Weight Each 17 Lbs. $2 80

TRACK CHISELS

No. 1170—Solid Cast Steel, Oil Finish.

Length, Inches	7⅝	8	8⅝	8¾	8⅞
Width of Bit, Inches . .	1⅜	1⅜	1¾	1¼	1¼
Weight Each, Lbs.....	4	4½	5	5½	6
Each	$1.20	1.35	1.50	1.65	1.80

All Above, Open Stock.

Enameled Wood Parlor Clocks

Made by

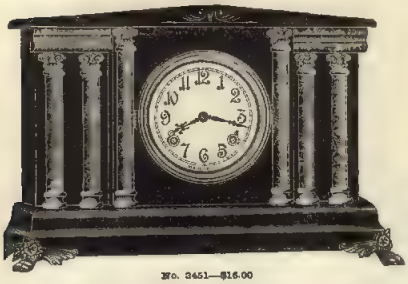
The New Haven Clock Co. Prices Each

No. 3452—$14.90

Black enameled wood case, gilt trimmings, 8-day half-hour strike on cathedral gong, six-inch ivorine dial, height 11 inches, width 17 inches.

OTTAWA—$16.90

Black enameled wood with marbleized moldings and pillars, gilt or bronze trimmings, 8-day, half-hour strike, cathedral gong, 6-inch ivorine dial. Height 11⅝ inches. Width 16¾ inches.



No. 3451—$16.00

Black enameled wood case, marbleized columns and moldings, gilt feet, eight-day, half-hour strike on cathedral gong, 6-inch ivorine dial, height 11¾ inches, width 16½ inches.

WOODLAKE—$17.95

Black enameled wood with marbleized moldings and pillars, gilt or bronze trimmings, 8-day, half-hour strike, cathedral gong. Height 12¼ inches. Width 13¼ inches. 6-inch ivorine dial.

No. 3455—$16.00

Black enameled wood case, marbleized columns, gilt feet and trimmings eight-day, half-hour strike on cathedral gong, 6-inch ivorine dial, height 11 inches, width 17 inches.

WOODSIDE—$17.95

Black enameled wood, marbleized moldings and pillars, gilt or bronze trimmings, 8 day, half-hour strike, cathedral gong. Height 12¼ inches. Width 13¼ inches. 6-inch ivorine or pearl dial.

G.W. HUNTLEY & CO. CHICAGO

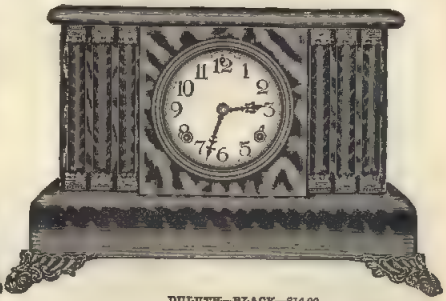
Enameled Wood Parlor Clocks

Made by the Waterbury Clock Co.

Prices Each

1863 1916

DEAN—$14.65
Enameled Wood. Bronze Ornaments
8 Day, Strike, Gong, Half-hour on Cup Bell
5½ Inch Dial. Convex Glass. Height, 11¾ inches. Width, 15½ inches.
American White Dial, Arabic Figures, Plain Sash.

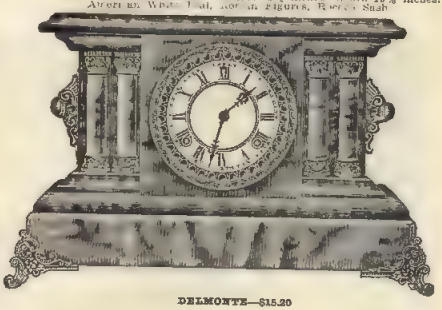


DULUTH—BLACK—$14.30
Dark Green Marbleized Columns, Enameled Wood, Gilt Feet, Bases and Caps
8 Day, Strike, Gong, Half-hour on Cup Bell.
5½ Inch Dial. Convex Glass. Height, 11 inches. Width 17 inches.
American White Dial, Arabic Figures, Plain Sash
DULUTH—DARK STEEL MARBLEIZED—$14.20

DANCY—$13.95
Enameled Wood. Bronze Ornaments.
8 Day, Strike, Gong, Half-hour on Cup Bell.
5½ Inch Dial. Convex Glass. Height 13⅝ inches. Width 15½ inches.
American White Dial Roman Figures, Rococo Sash

DANIELS—$15.20
Enameled Wood, Bronze Ornaments
8 Day, Strike, Gong, Half-hour on Cup Bell.
5½ Inch Dial. Convex Glass. Height 12½ inches. Width 15½ inches.
American White Dial, Roman Figures, Rococo Sash

DUARTE—$16.50
Enameled White and Black Marbleized Wood, Gilt Ornaments, Bases and Caps
8 Day Strike Gong Half hour on Cup Bell
5½ Inch Dial. Convex Glass. Height 11⅞ inches. Width 15¼ inches.
American White Dial. Roman Figures, Rococo Sash.
DUARTE MAHOGANY—$16.50
Enameled Wood, Mahogany Color, Gilt Ornaments. Bases and Caps.



DELMONTE—$15.20
Enameled White and Black Marbleized Wood, Gilt Ornaments, Bases and Caps
8 Day Strike, Gong, Half hour on Cup Bell
5½ inch Dial. Convex Glass Height 11¼ inches. Width 17 inches.
American White Dial, Roman Figures, Rococo Sash

G.W. HUNTLEY CHICAGO

Fine Mahogany Clocks

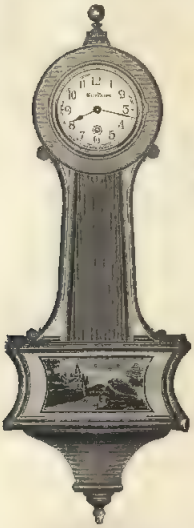
Made by the New Haven Clock Co.

PRICES EACH

1863 1916

HARPER—$15.05
Solid mahogany, eight-day, fine quick-beat timepiece. French cast sash with beveled bowed glass, 2¾-inch dial. Height 4½ inches, width 8 inches.

HALE—$13.85
Solid mahogany, eight-day, fine quick beat timepiece. French cast sash with beveled bowed glass. 2¾-inch dial. Height 4⅞ inches, width 8⅞ inches.



WALTON—$32.75
(Hanging library clock)
Solid mahogany case, decorated glass panel, eight-day. Fine quick beat timepiece. French cast sash with beveled glass. 4-inch porcelain dial. Height 24¾ inches, width 8½ inches.

RADWAY—$12.35
Solid mahogany, eight-day, fine quick-beat timepiece. French cast sash with beveled bowed glass. 2¾ inch dial. Height 4½ inches, width 6½ inches.

QUARTZ—$20.00
Solid mahogany case, eight-day, fine quick-beat timepiece 3½ inch porcelain dial. Height 8¼ inches, width 9⅛ inches.

ROBART—$12.85
Solid mahogany case, eight-day time. French cast sash, beveled bowed glass, 2¾-inch porcelain dial. Height 8½ inches width 8⅞ inches.

WESLEY—$17.50
Solid mahogany case, eight day, quick-beat timepiece 3½ porcelain dial. Height 5⅝ inches, width 6 inches.

EDINA—$10.15
Solid mahogany case with inlaid marquetry decoration, eight-day, fine quick-beat timepiece. French cast sash with beveled bowed glass. 2¼ inch porcelain dial. Height 6¼ inches, width 4½ inches.

WAGER—$24.15
Solid mahogany case, eight-day repeating half hour strike 3½ inch porcelain dial, beveled glass. Height 6 inches, width 5⅛ inches.

G.W. HUNTLEY & CO. CHICAGO

Mahogany Novelty Clocks

1863 1916

Prices Each

ADEN—$11.85
Mahogany inlaid; gilt feet; 8 day time; 2¼-inch porcelain dial; beveled glass; height 7¾ inches; width 6⅝ inches; Waterbury.

HADDEN
Mahogany inlaid or Circassian walnut, without inlay; gilt feet; 8-day time; 2½-inch porcelain dial, beveled glass, height 6⅞ inches, width 12⅛ inches.
Circassian walnut, without inlay.....$15.00
Mahogany, with inlay 16.50

ALENE—$7.35
Mahogany, gilt feet; 1-day time; 3-inch porcelain dial; beveled glass; height 4⅝ inches, Waterbury

ALBERT—$11.00
Solid mahogany case, 8-day time, 2¾ inch porcelain dial, beveled glass, height 5⅝ inches, width 4⅛ inches. Waterbury.

Waterbury

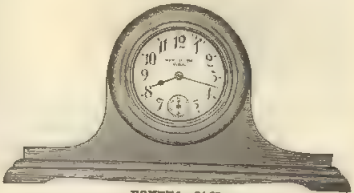
HODGES
Solid mahogany case, 8-day time piece with bevel bowed glass also 1-day time piece or 1-day alarm with heavy beveled glass, the alarm rings intermittently every 20 seconds for 5 minutes, has alarm or silent switch, 2¼-inch porcelain dial, height 4 inches, width 7½ inches.
8-day time $11.35

New Haven

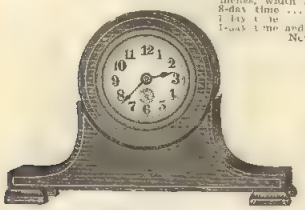
AQUA—$8.65
Solid mahogany case, 1-day time, 2-inch porcelain dial, beveled glass, height 4 inches. Waterbury.

AJAX—$10.20
Solid mahogany case, 8-day time, 2¾-inch porcelain dial, beveled glass, height 4⅝ inches, width 3⅝ inches, Waterbury

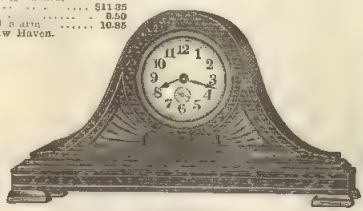
HARLEE—$11.35
Solid mahogany case, 8-day time piece with beveled boxed glass, also 1-day time piece or 1-day alarm with heavy beveled glass (the alarm rings intermittently every 20 seconds for 5 minutes, has alarm or silent switch), 2¾-inch porcelain dial, height 4⅝ inches, width 3¾ inches.
8-day time $11.35
1-day time 8.50
1-day time and alarm 10.85
New Haven.



BONETA—$4.65
Mahogany finish case, 1-day time, brushed brass sash, 2-inch dial, height 3⅝ inches width 7 inches
New Haven



ADRIAN—$11.85
Mahogany inlaid gilt feet, 8-day time 2¼-inch porcelain dial beveled glass, height 6⅝ inches, width 8⅝ inches, Waterbury.



ADONIS—$12.85
Mahogany inlaid gilt feet 8-day time 2½-inch porcelain dial, beveled glass, height 5⅞ inches, width 10⅛ inches, Waterbury.

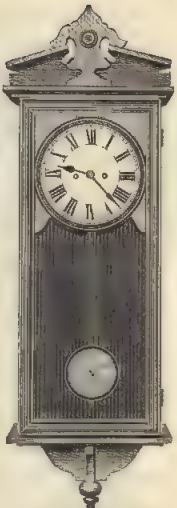
ABNER—$6.00
Mahogany 1-day time, 2 inch porcelain dial, beveled glass, height 3¼ inches, Waterbury

Regulators

Made by the New Haven Clock Co.

SATURN—$38.75

Height 44¾ inches, width 15¼ inches. 12-inch dial. Solid oak or mahogany case. Special 8-day weight movement with retaining power.



YAMOOSE—Oak

Height 45 inches, width 15¼ inches. Dial 10 inches.

8-day time	$21.15
8-day, strike going	23.85
8-day time, calendar	22.05
8-day, gong, calendar	24.55
30-day time	25.00

GLENOE—$44.75

Height 36½ inches, width 15¼ inches. 12-inch dial. Mahogany or solid oak. Antique finish. 8-day weight time.

TAMPICO

Height 43 inches, width 15¼ inches. 12-inch Arabic dial. Antique oak case.

8-day time	$15.00
30-day time, showing second hand	18.00

COLUMBIA—Oak or Cherry

Height 45¾ inches, width 14¼ inches. Dial 8 inches.

8-day time	$27.50
8-day, strike, gong	30.00
8-day time, calendar	28.25
8-day, gong, calendar	30.75
30-day time	31.15

GRECIAN—Oak

Height 41 inches, width 20 inches. Dial 10 inches.

8-day time	$32.00
8 day, strike gong	34.50
8-day time, calendar	32.75
8-day gong calendar	35.25
30 day time	35.00
8-day time, weight movement	45.35

ELFRIDA—$33.95

Height 49 inches, width 19 inches. Solid oak or mahogany case. 10-inch dial. 8-day spring time.

STANTON—$38.50

Antique oak finish, height 64 inches, width 21 inches. 12-inch Arabic dial. 8-day weight time, beats seconds. Movement has Graham pallets with cut pinions and retaining power. Wooden pendulum rod with highly polished ball.

Regulators Made by the Waterbury Clock Co.

PRICES EACH

No. 53 **REGULATOR**—$60 40
Quartered oak, eight-day, weight, time, brass weights, dead-beat escapement, retaining power, solid polished movement frames, 19-inch dial; height 53¾ inches, width 19¾ inches.

No. 67 **REGULATOR**
Eight-day weight tme dead-beat escapement, retaining power, solid polished movement frames, 12 inch dial height 50 inches, width, 23 inches
Oak or walnut $44.00
Mahogany 49.50

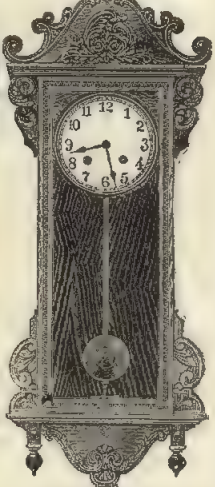
No. 20 **REGULATOR**—$34 85
Oak, eight day, weight, time, dead-beat escapement, retaining power, solid movement, frames, 12-inch dial, height 38 inches.

BRETON
Oak or mahogany, glass sides, eight-day, spring time, 8-inch dial, height 44¼ inches, width 14½ inches.
Oak $26.50
Mahogany 31.15
Eight-day, spring, half hour strike gong.
Oak $29.30
Mahogany 33.90

POSTORIA
Oak, walnut or mahogany, eight-day, spring time, 12-inch dial, height 44½ in., width 15¾ in
Oak or walnut $25.15
Mahogany 29.75
Eight-day, spring, half-hour strike gong
Oak or walnut $27 90
Mahogany 33.50
Thirty-day, spring, time, with second hand.
Oak or walnut $28.85
Mahogany 33.40

HALIFAX
Oak, 6-inch Rococo dial, height 32½ inches.
8 day spring, time $12.80
8 day, spring half-hour strike gong 15.60

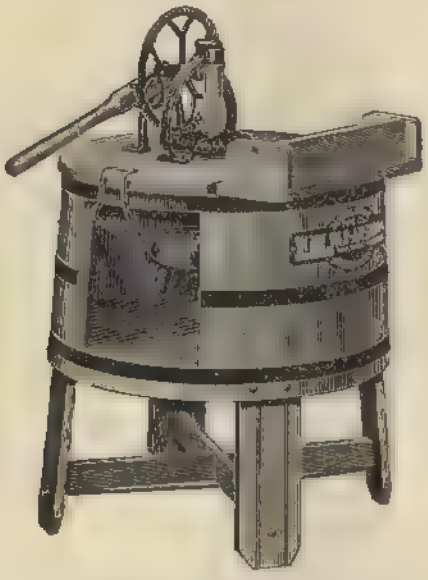
ETON—Oak or Walnut.
8-inch dial, height 39¾ inches, width 15 inches
8-day, spring, time $16.50
gong 19.25
8-day spring, ½-hour strike,



ALTON—Oak or Walnut
8 inch dial, height 39¼ inches width 16½ inches.
8 day, spring time $18.30
8 day, spring, ½-hour strike, gong 21.10

WASHING MACHINES

NEW PAN AMERICAN



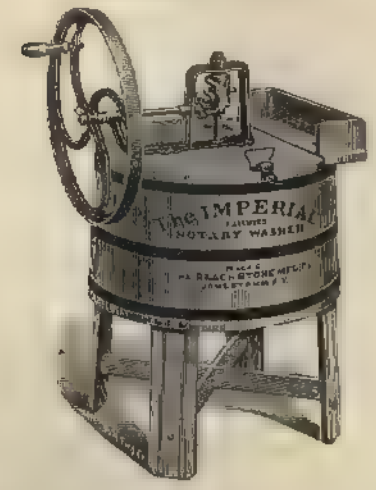
Each

New Pan American—Family Size, Round Wood Tub, Corrugated Sides and Bottom, Three Heavy Iron Hoops, Four Strong Legs, Securely Bolted to the Tub, Well Braced and Held Together with Steel Rods, Filled and Varnished Woodwork, Aluminum and Gold Bronzed Finished Castings....$....

This Washer has a large lid allowing the entire top to open up, making plenty of room for operator to put in and take out clothes.

Weight Each Crated 65 Pounds.

IMPERIAL ROTARY



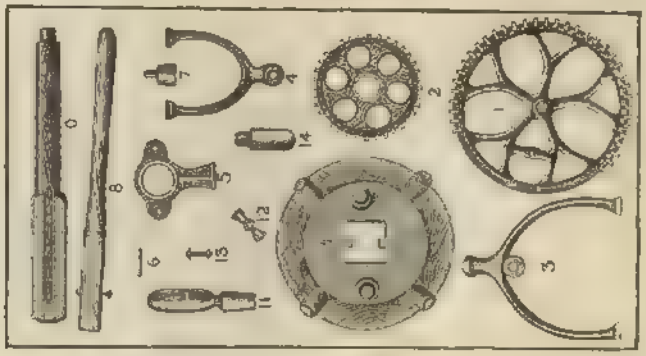
Each

Imperial—Family Size, Louisiana Red Cypress Tub, Corrugated Inside Sides and Bottom, Stave Legs, Natural Finish, Black Enameled Hoops, Aluminum Finished Outside Castings .... .$....

This machine runs like a sewing machine, it is built with sliding cylinder on square post, insuring great Strength. Has roller bearings, making it practically noiseless

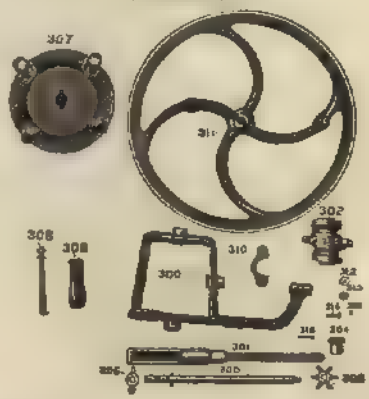
Weight Each Crated 87 Pounds.

EXTRA PARTS FOR NEW PAN AMERICAN WASHING MACHINES



		Each
No. 1	—Large Gear Wheel	$0 20
No. 2	—Small Gear Wheel	20
No. 3	—Large Stand	20
No. 4	—Small Stand	20
No. 5	—Collar and Guide	15
No. 6	—Post Pin for Holding Small Cog on Post	.02
No. 7	—Ferrule for End of Post	05
No. 8	—Top or Lever Handle for Large Gear Wheel	.10
No. 9	—Inside Wooden Wheel or Dasher	.35
No. 10	—Post or Standard for Holding Inside Dasher	.15
No. 11	—Plug or Stopper for Holding Water in Machine	05
No. 12	—Button for Holding Lid of Machine Down	02
No. 13	—Bolts for Holding Castings to Lid	01
No. 14	—Pins or Pegs for Inside Wheel or Dasher	.05

EXTRA PARTS FOR IMPERIAL ROTARY WASHING MACHINES



		Each
No. 300	Stand	$0 50
No. 301	Post	25
No. 302	—Cylinder	.50
No. 303	—Sprocket Wheel	25
No. 304	—Ferrule for Top of Stand	05
No. 305	—Shaft or Rod for Fly Wheel	15
No. 306	—Thumb Screw to Hold Fly Wheel on Shaft	05
No. 307	—Inside Wooden Wheel	35
No. 308	—Bolt for Handle for Fly Wheel	.05
No. 309	—Wooden Handle for Fly Wheel	.05
No. 310	—Spout	05
No. 311	—Fly Wheel	1 00
No. 312	—Oval Roller for Pins on Cylinder	05
No. 313	—Straight Roller for End of Shaft	.05
No. 314	—Rivet for Fastening Sprocket Wheel on Shaft	.02
No. 315	—Washer for Oval Rollers	01
No. 316	—Spring Cotter for Top of Post	.02

WASHING MACHINES

REX

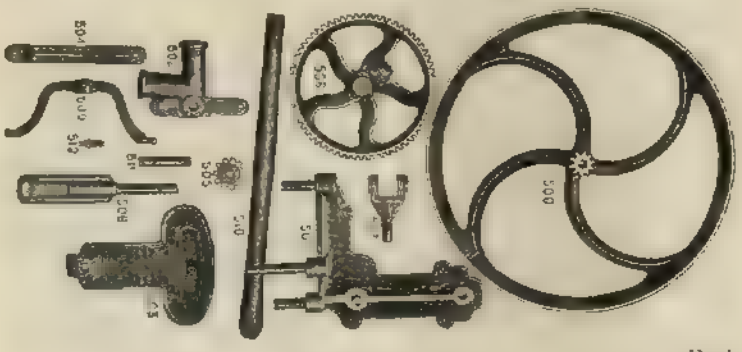
Each

Rex—Family Size, Louisiana Red Cypress Tub, Corrugated Sides and Bottom, Moss Green Finish, Green Enameled High Speed Fly Wheel, Fast Revolving Dasher, Double Thickness Overlap Lid, Bolted Stave Legs, Aluminum Bronzed Castings, Black Enameled Hoops.....$.....

When open allows plenty of room for operator to put in or take out clothes. The castings are so balanced that by lifting with the lever, the cover will open very easily. The dasher is fitted with a new device for preventing clothes from catching and tearing. Has double socket for operating handle, allowing operator to sit or stand when using machine

Weight Each Crated 85 Pounds.

EXTRA PARTS FOR REX WASHING MACHINES



		Each
No. 500	—Fly Wheel	$1 25
No. 501	—Main Frame	1 00
No. 502	—Lever Socket	50
No. 503	—Swing Gear	75
No. 504	—Connecting Rod	10
No. 505	—Post Gear	30
No. 506	—Speed Gear	30
No. 507	—Tapering Connecting Pin	20
No. 508	—Post	25
No. 509	—Brace	10
No. 510	—Lever Handle	10
No. 511	—⅝ Pin for 507 Pin	05
No 512	—3/9 Pin to Fasten 506 to 504	01
No. 513	—Lid or Cover (not Illustrated)	50
No. 514	—Side Handle of Tub (not Illustrated)	.05
No. 515	—Inside Wheel or Dasher (not Illustrated	35
No. 416	—Small Dasher Collar (not Illustrated)	
No. 417D	—Top Plate for Dasher (not Illustrated)	10
No. 418D	—Cup for Underside of Dasher (not Illu.)	10

REGAL

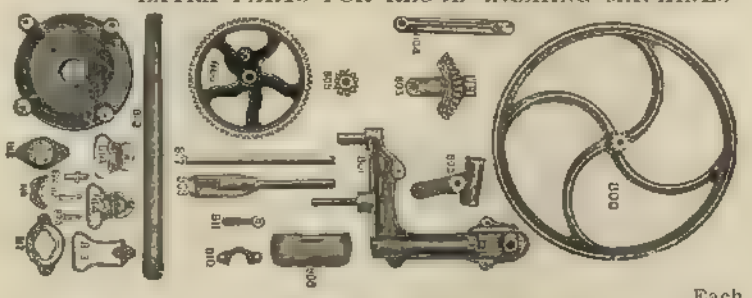
Each

Regal—Family Size, Selected Louisiana Red Cypress Tub, Natural Finished with High Grade Varnish, Full Corrugations Inside, Hardwood Legs are Bolted, Firmly Braced and Reinforced by Steel Rods, Heavy 2-Ply Overlapping Lid, Non-Tearing Dasher, Protected Gearing, 3 Extra Heavy Steel Hoops, Finished in Black Enamel, Galvanized Tub Trimmings, Blue and Red Enameled Castings .....$.....

The gearing is of the simplest construction and all working parts are carefully machined. Two sockets are provided for the operating lever so the operator may stand or sit while working the machine

Weight Each Crated 95 Pounds.

EXTRA PARTS FOR REGAL WASHING MACHINES



		Each
No. 800	—Fly Wheel	$1 25
No. 801	—Frame	1 00
No. 802	—Lever Socket	.75
No. 803	—Combination Socket and Gear	.75
No. 804	—Connecting Rod	.10
No. 805	—Post Gear	.30
No. 806	—Speed Gear (Casting Numbered 506)	.30
No. 807	—Gun Rod	15
No. 808	—Post	25
No. 809	—Gear Cover	.15
No. 810	—Gear Cover for No. 806 (not Illustrated)	
No. 811	—Wrench	05
No. 812	—Lever Handle	.10
No. 813	—Lid Fastener	.15
No. 814	—Side Handle with Plate	10
No. 816	—Small Collar for Dasher	05
No. 817	—Large Collar for Dasher	10
No. 818	—Cap or Shield for Dasher	10
No. 819	—Inside Wheel or Dasher	35
No. 820	—Pin	02
No. 821	—Pin	02
No. 822	—Pin	02

Scroll Saws.

NEW ROGERS'

Foot Power.

Japanned Iron Castings, Striped, Steel Arbors, Best Selected Ash Wood Arm and Pitman.

Each

No. 1—35 in. High, with Japanned Tilting Table and Iron Balance Wheel.....$7 80

No. 2—35 in. High, with Nickel Plated Tilting Table and Emery Balance Wheel..... 8.55

With each machine 12 Saw Blades, 1 Wrench, 3 Sheets of Designs, 1 Awl, Impression Paper and 3 Drill Points are furnished.

Weight Each, Boxed, About 45 Pounds.

One in a Box.

CRICKET

Foot Power.

Japanned Iron Castings, Steel Arbor. Ash Wood Arms.

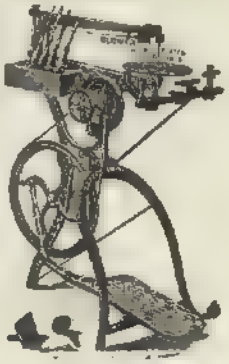
Each

No. 5—33 in. High, with Japanned Tilting Table and Iron Balance Wheel.....$6.00

Weight Each, Boxed, 35 Pounds.

One in a Box

LESTER IMPROVED



Foot Power.

Japanned Iron and Steel Castings, Red and Gilt Ornamentations, Ashwood Arms and Pitman, 15 in. Heavy Driving Wheel (Weight 13 Lbs.), Nickel Tilting Saw Table, Automatic Dust Blower, Adjustable Lever Clamps, Capacity of Cut ⅛ to ½ in

Each

No. 3—35 in. High, with 12 Blades, 1 Wrench, 1 Screw Driver, 3 Sheets of Designs and a Box for the Small Tools . . . $17.50

Weight Each 81 Pounds.

One in a Box.

Lathes and Scroll Saws.

COMPANION

Thoroughly Built.

Japanned Cast Iron Frame, Drive Wheel and Cone Pulley with Two Grooves to Permit Change of Speed, Long and Short Tool Rests, 3 Turning Tools, Wrench, Drill Points, 4½x⅞ in. Emery Wheel, Drill Spindle with Chuck for Drill Points for Boring Wood, Tail Stock with Screw Feed.

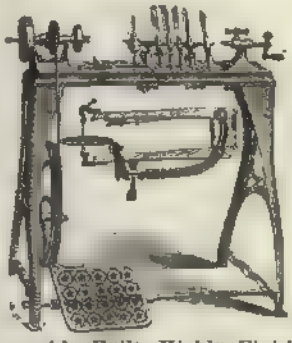
Each

Companion—Lathe with Scroll Saw,. Swing of Lathe 5 in., Distance Between Centers 13½ in., Distance of Bed from Floor 27 in., Length of Bed 24 in..$17.75

Weight Each 78 Pounds

One in a Box

GOODELL'S



Thoroughly Built, Highly Finished.

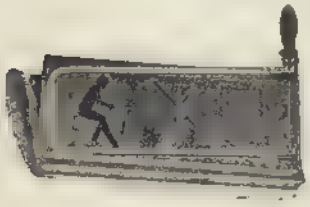
Japanned Cast Iron Frame, Drive Wheel and Cone Pulley with Two Grooves to Permit Change of Speed, Accurate Drill Chuck, Long and Short Tool Rests, 5 Turning Tools, Wrench, Drill Points, Etc., 4½x⅞ in. Emery Wheel, Drill Spindle with Chuck for Drill Points for Wood Boring, Tail Stock with Screw Feed

Each

Goodell's—Lathe with Scroll Saw Attachment, Swing of Lathe 5 in., Distance Between Centers 13½ in , Distance of Bed from Floor 27 in., Length of Bed 24 in.....$21 20

Weight Each, Boxed, 78 Pounds

One in a Box



No 2

Bracket Saws.

MILLER FALLS

Per Dozen Sets

No. 2—12x5 in. Spring Steel Frame, Polished and Nickel Plated, Rosewood Handle, Patent Clamps, Complete with 3 Sheets of Designs, 12 Blades, 1 Awl, 1 Sheet of Impression Paper $17.80

Weight Per Dozen About 13 Pounds

One-twelfth Dozen in a Box, with Screws

Kitchen Saws.

WEBSTER'S

Extra Heavy Flat Back, Round Edges, 5/8 x 5/16 in., Blued Blade, 3/8 in. Wide, Wood Handle.

Nos.	2	4
Length, Inches	16	20
Ap. Wt. Doz., Lbs.	13	15
Per Dozen	$11.10	13.35

One-half Dozen in a Box.

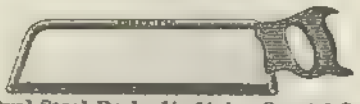
ATKINS'

Extra High Grade Flat Steel Back, 5/8 x 5/16 in., Silver Steel Bright Blade, 3/8 in. Wide, Beech Handle.

Nos.	18	18½
Length, Inches	16	18
Ap. Wt. Doz., Lbs.	14½	15½
Per Dozen	$7.25	7.80

One-half Dozen in a Box.

ADAMS'



Oval Steel Back, 1/2 x 1/4 in., Special Steel Bright Blade, 5/8 in. Wide, Beech Handle.

No.	00
Length, Inches	14
Ap. Weight Per Dozen, Lbs.	11
Per Dozen	$5.00

One-half Dozen in a Box.

Pork Packers' Saws.

DISSTON'S

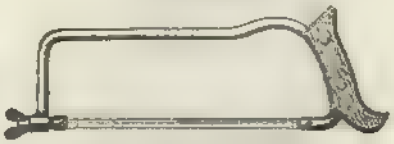
No. 18—Oval Back, 5/8 x 5/16 in., Cast Steel Bright Blade, 1 in. Wide, Beech Handle.

Length, Inches	16	18
Ap. Wt. Doz., Lbs.	19	21
Per Dozen	$18.75	19 85

One-third Dozen in a Box.

Dehorning Saws.

DISSTON'S

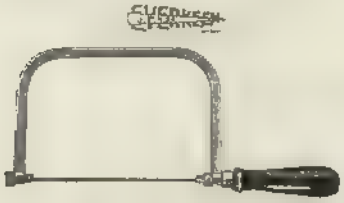


Japanned Malleable Iron Frame, Steel Blade, Beechwood Handle.

No.	6
Blade, Inches	9½ x ¼
Ap. Weight Per Dozen, Lbs.	15
Per Dozen	$11.10

One-half Dozen in a Box

Coping Saws.



Spring Temper Steel Frame, Nickel Plated and Polished, Stained Hardwood Handle, Durable Wax Finish.

Per Dozen

No. E444—4¾ in. Deep, Complete with 2 Blades, Weight Per Dozen About 7 Lbs. . . . $13.35

One-sixth Dozen in a Box.

Per Dozen

Extra Blades—For No. E444 Coping Saws $0.80

B. H. M. AUTOLOCK

Nickel Plated Highly Polished Steel Frame, Rubberoid Handle.

Per Dozen

No. 4—4½ in. Deep, Blade can be Turned in any Direction without Removing from Work and Locked in Desired Position, Complete with 2 Selected 6½ in. Blades, Weight Per Dozen About 6 Lbs $18.35

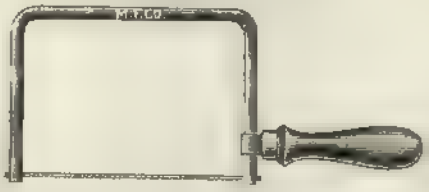
One-half Dozen in a Box.

Per Dozen

Extra Blades—For No. 4 Coping Saws $0.80

Ordinary 6 in. Coping Saw Blades can be used in the frame as well as the 6½ in. Heavy Blades furnished with it

MILLER FALLS



Nickel Plated Steel Wire Frame, Hardwood Stained Handles.

Per Dozen

No. 40—4 in. Deep, Complete with One Dozen 6 in. Looped End Saw Blades, Weight Per Dozen About 4 Lbs. $5.80

One Dozen in a Box.

Per Gross

Extra Blades—For No. 40 Coping Saws $1.45

JONES' CABLE

Nickel Plated Tubular Back, Hardwood Handle.

Per Dozen

No. 1—4 in. Deep, Blade Adjustable by Turning Handle, Complete with Six 6 in. Blades, Weight Per Dozen About 6 Lbs. $18.35

One-twelfth Dozen in a Box.

Per Gross

Extra Blades—For No. 1 Jones' Coping Saws $1.90

One Dozen in a Package.

Coping Saws.

Nickel Plated Wire Frame.

Per Dozen

No. 100—4 in. Deep, Two Slots for Sawing at Right Angles, Complete with One Dozen Extra 6 in. Bent End Blades, Weight Per Dozen About 5 Lbs. $3.35

One-half Dozen in a Box.

Per Gross

Extra Blades—For No. 100 Coping Saws $1.45

ATKINS'

Nickeled and Buffed Cold Rolled Steel Frame, 3/8 x 5/16 in., Carved and Varnished Hardwood Easy Grip Handle, Malleable Iron Threaded Ferrule.

Per Dozen

No. 50—4⅝ in. Deep, Complete with Blade, Weight Per Dozen About 9 Lbs. $13.35

One-half Dozen in a Box.

Per Dozen

Extra Blades—For No. 50 Coping Saws $0.80

Through the use of Cap Screws into which wires are inserted the blade may be instantly adjusted to cut sharp or unusual angles with ease.

JONES' RATCHET

Nickel Plated Steel Back, Hardwood Handle.

Per Dozen

No. 2—4 in. Deep, Blade Adjustto Any Angle by Turning Handle and Button on Front of Frame, Complete with Six 6 in. Blades, Weight Per Dozen About 6 Lbs. $10.00

One-twelfth Dozen in a Package.

Per Gross

Extra Blades—For No. 2 Jones' Coping Saws $1.90

1 Dozen in a Package

KITCHEN CLEAVERS

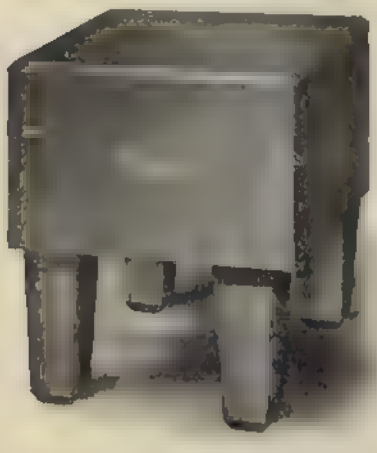
Polished Tool Steel Blade, Beech Handle. Per Dozen

No. 6—6 in. Blade, Handle Securely Fastened with Brass Rivets, Weight Per Dozen 7 Lbs . . . . . $....

One-half Dozen in a Box.

BUTCHERS' BLOCKS

WOOD WELDED SANITARY



Mission Style, Hard Rock Maple, Dovetailed and Glued Joints, Block is 17 in. Deep, Legs are 18 in. Long. 35 in. High Over All.

Size, Inches	24x24	24x30	30x30
Each	$.....	.....	...
Size, Inches	**30x40**	**30x60**	**30x70**
Each	$.....	.....	.....

This block is particularly constructed for heavy work, and is hand finished

An extra large chamfer is cut around the top edges of the block which safe-guards against splintering the outer edges of the block

FRUIT JARS

BALL IDEAL

All Glass, Sealed by Vacuum and Spring Wire Lever Pressure.

Nos.	1	2	3
Capacity	1 Pt.	1 Qt.	½ Gal.
We ght Per Gross, Lbs....	156	204	288
Per Gross	$.....	.....	.....

The contents never come into contact with anything but glass. Easy to seal and easy to open. Simple, sanitary and durable.

Does not require a new top every year, as the glass cover will last as long as the jar itself

One Dozen in a Paper Carton, with Rings.

COFFEE MILLS

ENTERPRISE

Per Dozen

No. 00—9 in. High Over All, Cast Iron, Fancy Decorations, Grinders Adjustable to Pulverize, Granulates 6 Ozs. of Coffee Per Minute, Screws to Wall, Wt Per Dozen 72 Lbs.....$..

One Dozen in a Case.

Per Dozen

No. 0—11½ in. High Over All, Cast Iron, Fancy Decorations, Grinders Adjustable to Pulverize, Granulates 6 Ozs. of Coffee Per Minute, with Table Clamp, Weight Per Dozen 72 Lbs. ... . $ ..

One Dozen in a Case

COFFEE MILLS

UNIVERSAL

Per Dozen

No. 0010—8¼ in. High Over All, Detachable Cup, Patent Adjustable Grinders, Black Enameled, Gilt Decorations, Grinds as Fine or Coarse as Wanted, Screws to Wall, Weight Per Dozen 44 Lbs . . . . . $. . . .

One-half Dozen in a Case

Per Dozen

No. 0014—11¼ in. High Over All, Patent Adjustable Grinders, Black Enameled, Gilt Decorations, Grinds Fine or Coarse as Wanted, with Table Clamp, Weight Per Dozen 62 Lbs . . . $ . .

One-half Dozen in a Case.

Per Dozen

No. 014—13¼ in. High Over All, Air Tight Canister Holds 1 Lb and has Transparent Celluloid Window, Detachable Cup, Patent Adjustable Grinders, Black Enameled, Gilt Decorations, Grinds as Fine or Coarse as Wanted, Screws to Wall, Weight Per Dozen 58 Lbs. . . . . $

One-half Dozen in a Case

Per Dozen

No. 0012—13¼ in. High Over All, Capacity of Canister 1 Lb., Detachable Cup, Patent Adjustable Grinders, Black Enameled, Gilt Decorations, Grinds as Fine or Coarse as Wanted, Screws to Wall, Weight Per Dozen 58 Lbs. . . . . $

One-half Dozen in a Case

Per Dozen

No. 012—18 in. High Over All, Capacity of Canister 1 Lb., Patent Adjustable Grinders, Black Enameled, Gilt Decorations, Grinds as Fine or Coarse as Wanted, with Table Clamp, Weight Per Dozen 66 Lbs. . . . . $

One-half Dozen in a Case.

UNIVERSAL

Per Dozen

No. 24—17½ in. High Over All, Capacity of Glass Canister 1 Pound, Detachable Glass Cup, Patent Adjustable Grinders, Black Enameled, Gilt Decorations, Mill Attached or Released by Simple Turn of Thumb Screw on Wall Bracket, Weight Per Dozen 83 Lbs. . . . . $

One-half Dozen in a Case.

ARCADE

Per Dozen

No. 3—Crystal, Capacity of Glass Canister 1 Pound, Detachable Graduated Glass Cup, Black Enameled Iron Parts, Adjustable Grinders, Grinds as Fine or Coarse as Wanted, Glass Cup is Marked with Tablespoon Graduations, Screws to Wall, Weight Per Dozen 90 Lbs. . . . . $

One-half Dozen in a Case

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STEEL BOX STRAPPING

BEST GRADE OF STEEL

SMOOTH, ROUND EDGES

NEAT, COMPACT COILS

FULL MEASURE

INDIVIDUAL COIL HOLDERS

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ACME CORRUGATED FASTENERS
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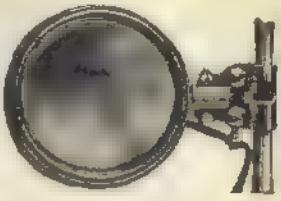
Every Automobilist that passes your store is a possible customer for

"Old Sol" No. 76 Spotlight

which is a wonderful value at a low price. Finish japan and nickel. All parts enamel. Swivel bracket attaches to windshield—adjustable at rear of shell. Shell is fitted with Edison Mazda bulb holder for insertion of wire to lamp and copper terminals at end of 6 foot cable. Equipped with 3 inch mirror with 25 C. P. Bulb supplied as regular equipment. Special voltage bulbs on request.

Front View Illustrating Searchlight Bulb.



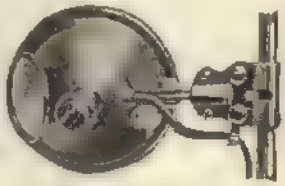
Every one of your customers, whether a driver or owner knows the danger that has to be considered in touring along strange roads at night.

Our "OLD SOL" Spotlights

are made and sold on their merits backed by our guarantee.

A handsome Lithographed display stand for your show counter if so desired from your jobber.

Send for descriptive booklet



Rear View Illustrating Mirror.

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Do not let an, more razor strop business get away from you. Send your order now.

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for durability, efficiency of work, and little room required cannot be beat.

DeGraff Jan 12

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Enclosed find check. I have already pressed two tons of paper and burlap and talk with right care the press ought to last a lifetime.

Yours truly, C. L. Bates"

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THE COLEMAN AIR-O-LITE

Wickless, Odorless, Sootless, Harmless Smokeless Peerless.

This is just one lamp in the Coleman system—The cheapest—cleanest—most brilliant and enduring lighting system on earth. The Coleman Air-O-Lites are the season's best sellers—every season.

This Table Lamp is a paragon of elegance Nickeled. Non-spill Guaranteed for five years. Economic Brilliant. Interest yourself in our exceptional offer to dealers

The Coleman Lamp Co.

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and Sell Under Our Guarantee of Quality

Our tools are used by Icemen, also in hotels, restaurants, saloons and wherever ice is handled.
We manufacture every tool used in the ice business. Write for catalog and prices.

GIFFORD-WOOD CO., Hudson, N. Y.

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FRUIT AND VEGETABLE PRESS

$15.50 per GROSS, F. O. B. Factory (Half Gross to Barrel)

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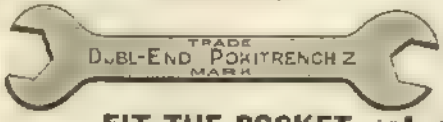

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20 Sizes Single-End, Dubl-End Four in One and Universal

(Write for Folder No. 611)

NIAGARA FALLS METAL STAMPING WORKS

Hardware Specialties Niagara Falls, N. Y.

S 118

"HELP-MATE"

SANITARY MILK BOTTLE TOP

Fast selling profitable household requisite.

(Patented.)

Write for prices

SPAHR MFG. CO. Phila, Pa.

New York Office, 126 Liberty St.

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New Sizes

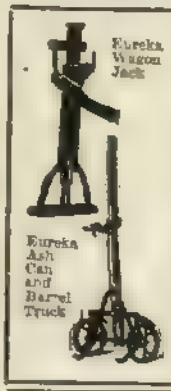
1 Gallon
2 Gallon
4 Gallon
10 Gallon

Enterprising dealers are enjoying a steady demand for Dazey Churns as the result of Natural Conversion to the "DAZEY SYSTEM" of making better butter

You can sell Dazey Churns where churn sales otherwise would be impossible.

Ask for catalog that tells why.

DAZEY CHURN MFG. CO. ST. LOUIS, MO.



THE EUREKA LINE

The "Eureka" Jack is small size and light weight but will raise loaded wagons, buggies, farm machines, etc., any height up to 27 inches.

Made of steel and malleable iron. No bolts, springs, ratchets, or rivets; therefore needs no repairs. Outlasts all others. Several hundred thousand in use.

The "Eureka" Truck Handles Ash Cans, Barrels, Kegs, Bags etc. at residences, hotels, stores etc. Weight 40 lbs. Hook or handle adjusts to any load. Lasts a lifetime. Low price.

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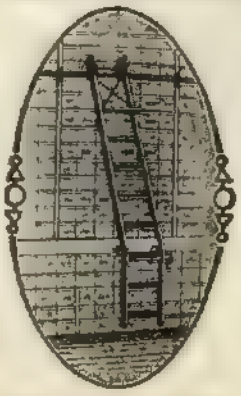
Eureka Mower Co., Utica, N.Y.

189-199 Schuyler St.



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Is why there are more

Millbradt Rolling Ladders

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25 years' experience has enabled us to produce the most perfect rolling ladder

Every ladder made to suit requirements. Made of hard wood and malleable iron

Run smoothly, silently and rapidly. We ship ladders on approval.

Catalogue on request

MILLBRADT MFG. CO.

1450-52-54-56 NORTH 8th ST.

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Alvin Silver Plated Flatware

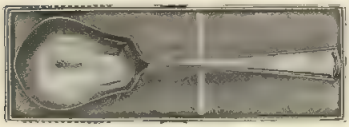
1868 1916

"LONG LIFE" Quality plate which will satisfy the most particular customer. It is produced with the same care, skill and attention to details as sterling silver. Each piece is heavily plated with a uniform weight and thickness of pure silver to resist the hardest wear and ensure the longest life.

Teaspoon actual size, balance reduced size.

GEORGE WASHINGTON PATTERN
Bright Finish

Fancy pieces put up in lined boxes.

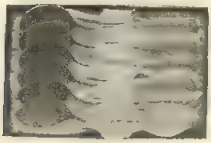


BERRY SPOON

No. 12949 Silver bowl ..... each $3.80
No. 12950 Gilt bowl ..... each 4.05

HOLLOW HANDLE CHEESE CUTTER

No. 12953 Silver blade ..... each $2.90

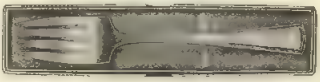


SIX BOUILLON SPOONS

No. 12956 Silver bowls ..... per set $3.00

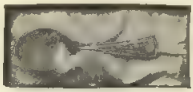
SIX SOUP SPOONS

No. 12957 Silver bowls ..... per set $5.20



COLD MEAT FORK

No. 12951 Silver tines ..... each $2.50
No. 12952 Gilt tines ..... each 2.80



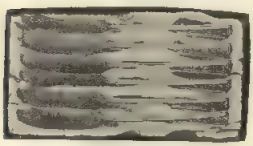
STRAIGHT HANDLE BABY SPOON

No. 12954 Silver bowl ..... each $1.15
No. 12955 Gilt bowl ..... each 1.35

BUTTER KNIFE AND SUGAR SHELL

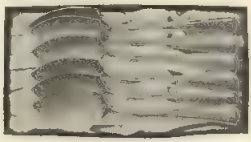
No. 12958 Silver blade and bowl ..... per set $3.40

No.		Dozen
12932	Teaspoons	$9.15
12933	Dessert spoons	15.70
12934	Table spoons	18.35
12935	Dessert forks, spoon handle	15.70
12936	Medium forks, spoon handle	18.35
12937	Sugar shells	18.80
12938	Butter knives	21.60
12939	Coffee spoons	8.40
12940	Pickle forks	18.00
12941	Pie servers, hollow handle	60.00
12942	Sugar tongs	31.30
		Each
12943	Cream ladle, silver bowl	2.40
12944	Cream ladle, gilt bowl	2.70
12945	Gravy ladle, silver bowl	3.30
12946	Gravy ladle, gilt bowl	3.80
12947	Oyster ladle, silver bowl	7.10
12948	Soup ladle, silver bowl	8.35



SIX BUTTER SPREADERS

No. 12959 Silver blades ..... per set $7.60

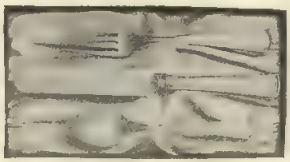


SIX ORANGE OR GRAPE FRUIT SPOONS

No. 12960 Silver bowls ..... per set $6.00
No. 12961 Gilt bowls ..... per set 7.20

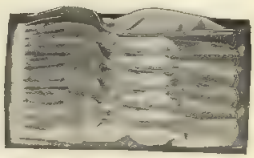
SIX OYSTER FORKS

No. 12962 Silver tines ..... per set $5.60



3-PIECE CHILD'S SET

No. 12963 Hollow handle knife ..... per set $4.15

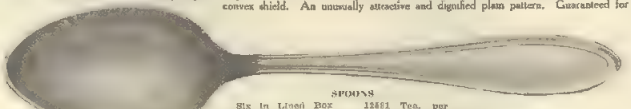


SIX INDIVIDUAL SALAD FORKS

No. 12964 Silver tines ..... per set $3.60
No. 12965 Gilt tines ..... per set 3.80

ONEIDA COMMUNITY
PAR PLATE

The Monroe Pattern in ONEIDA COMMUNITY Par Plate suggests vogue of the old oval thread design familiar to our forefathers. The oval thread treatment, however, has been wonderfully improved upon in the new Monroe pattern by the use of modern beveled edges and a highly polished convex shield. An unusually attractive and dignified plain pattern. Guaranteed for 10 years.



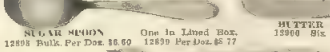
SPOONS

Six In Lined Box
12883 After Dinner ..... $ 5.67
Coffee, per doz.. $4.35
Twelve In Plain Box
12889 After Dinner ..... $ 9.67
Coffee, per doz.. 8.67
12890 Five O'Clock
Tea, per doz ... 2.67

12891 Tea, per doz. ..... $ 5.67
1289.. Dessert, per doz .. 6.60
12893 Table, per doz 7.35

FLAT HANDLE FORKS
Twelve in Plain Box Per Doz.
12894 Medium $7.35 12898 Dessert $6.60

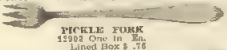
SOLID HANDLE EMBOSSED KNIVES
Six in Racked Box 12896 Medium, per doz $9.50
12897 Dessert, per doz.. 9.5.



SUGAR SPOON One in Lined Box.
12898 Bulk, Per Doz. $6.60 12899 Per Doz. $6.77

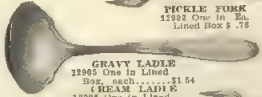
BUTTER SPREADER, FLAT
12900 Six in Lined Box $4.40

BUTTER KNIFE
12901 Bulk, per doz. $7.60
12902 One in Lined Box 9.57



PICKLE FORK
12903 One in Ea. Lined Box $ .76

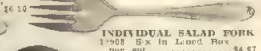
ICED TEA SPOON
12904 12 in Plain Box, per doz $6.10



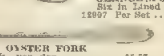
GRAVY LADLE
12905 One in Lined Box, each..... $1.54

CREAM LADLE
12906 One in Lined Box, each . 1.20

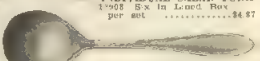
ORANGE SPOONS
12907 Per Set ... $3.12



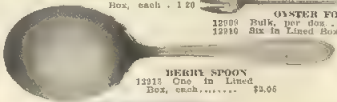
INDIVIDUAL SALAD FORK
12908 Six in Lined Box per set $4.87



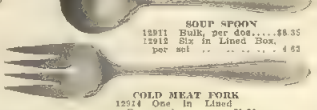
OYSTER FORK
12909 Bulk, per doz $5.57
12910 Six In Lined Box, per set.. 3.30



SOUP SPOON
12911 Bulk, per doz..... $8.35
12912 Six in Lined Box, per set 4.62



BERRY SPOON
12913 One in Lined Box, each..... $3.06

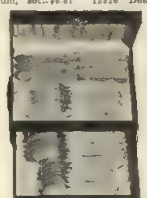


COLD MEAT FORK
12914 One in Lined Box each $1.30

EMBOSSED KNIFE AND FLAT FORK SET
12915 Medium, set..$8.67 12916 Dessert, set $8.35

57-PIECE OAK FINISH CHEST, WITH DRAWER
Contents 8 Tea Spoons, 6 Soup Spoons, 6 Iced Tea Spoons, 6 Medium Forks, 6 Medium Knives, 6 Individual Salad Forks, 6 Ind. Butter Spreaders, 1 Butter Knife, 1 Sugar Shell, 1 Cold Meat Fork, 1 Berry Spoon, 1 Gravy Ladle, 1 Cream Ladle.
12920 Per set. $46.90

THREE-PIECE CHILD SET, FLAT KNIFE
12917 In Lined Box, per set.. $1.30



26-PIECE OAK FINISH CHEST WITH DRAWER
Contents 8 Tea Spoons, 6 Flat, Medium Forks, 6 Knob Handle Knives, 6 Table Spoons, 1 Butter Knife, 1 Sugar Shell.
12918 Per set $17.75
12919 This set in Mahogany Finish Chest, per set 18.07

26-PIECE OAK CHEST, WITH DRAWER
Contents 6 Tea Spoons, 6 Flat Medium Forks, 6 Emb. Handle Knives, 6 Table Spoons, 1 Butter Knife, 1 Sugar Shell.
12921 For set $16.65

MONROE DESIGN

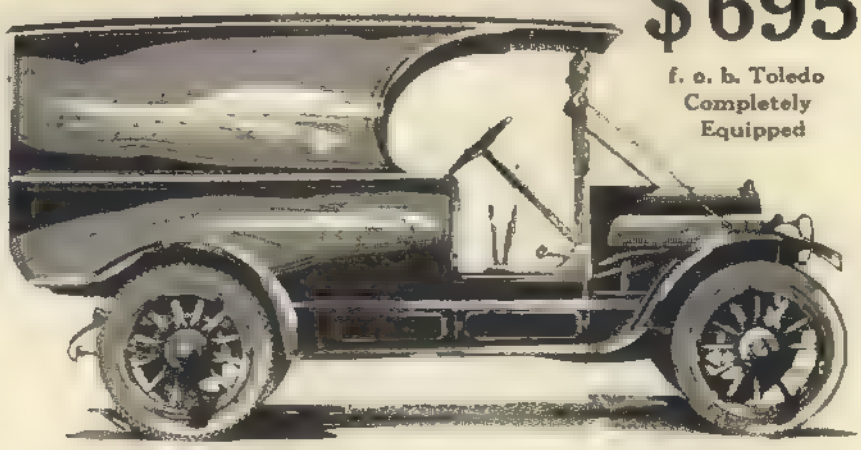
Booklet of Consumers Prices on all pieces and sets supplied upon request.

Overland

MODEL 83-B

$695

f. o. b. Toledo
Completely
Equipped



You Can Now Get This 35 Horsepower Panel Delivery Car for $695

This is the world's record $750 Overland —with an improved motor—at a reduced price.

No car of its size ever sold as fast as this—50,000 of this chassis were sold in six months

All the overhead expense, all the development expense and experimental costs that are usually spread over a year were absorbed in half the usual time

So, though we improved the car, we reduced the price

And the result is a value absolutely unmatched or even approached by any other car

We guarantee that the price for this model will never be lower.

But material prices are advancing and we cannot guarantee that it will not be higher.

Better see the Overland dealer now and place your order at once

We also Supply the Overland Model 75 Screened Side Delivery Car for $595, f. o. b. Toledo

Catalog on request. Please address Dept. 267

The Willys-Overland Co., Toledo, Ohio

"Made in U. S. A."

Hatchets.

PEERLESS

SHINGLING

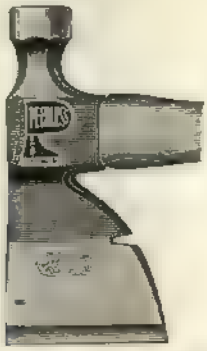
Atco Steel, Forged, Adze Eye, Octagon Neck, Round Poll, Gold Bronze Finish, Polished Head and Bit, Hickory Handle.

Nos.	PO11	PO12
Cut, Inches	3 ½	3 ⅞
Weight Each	1 lb. 3 oz.	1 lb. 9 oz.
Approx. Weight Per Dozen, Lbs.	24	27
Per Dozen	$12.20	12.75

Weights EACH Do Not Include Handle.

One-half Dozen in a Box.

HALF



Atco Steel, Adze Eye, Octagon Neck, Round Poll, Gold Bronze Finish, Polished Head and Bit, Hickory Handle.

Nos.	PO31	PO32
Cut, Inches	2 ⅝	2 ⅞
Weight Each	1 lb. 3 oz.	1 lb. 9 oz.
Approx Wt Per Dozen, Lbs	24	27
Per Dozen	$12.75	13 35

Weights EACH Do Not Include Handle.

One-half Dozen in a Box.

LATH

Atco Steel, Adze Eye, Octagon Neck, Round Poll, Gold Bronze Finish, Polished Head and Bit, Hickory Handle.

Nos.	PO41	PO42
Cut, Inches	2 ½	2 ¾
Weight Each	1 lb. 3 oz.	1 lb 9 oz.
Approx Wt. Per Dozen, Lbs	21	24
Per Dozen	$12 20	12.75

Weights EACH Do Not Include Handle.

One-half Dozen in a Box.

BLACK WARRIOR

SHINGLING

Cast Steel, Natural Black Finish, Hickory Handle.

Nos.	BW11	BW12	BW13
Cut, Inches	3 ½	3 ⅞	4 ⅜
Weight Each	1 lb. 1 oz	1 lb. 7 oz	1 lb 13 oz
Ap. Wt. Per Dozen, Lbs.	25	30	34
Per Dozen	$8.35	8.90	9.45

Weights EACH Do Not Include Handle.

One-half Dozen in a Box.

CLAW

Cast Steel, Natural Black Finish, Hickory Handle.

Nos.	BW21	BW22	BW23
Cut, Inches	3 ½	3 ⅞	4 ⅜
Weight Each	1 lb. 3 oz.	1 lb. 9 oz.	1 lb. 15 oz.
Ap Wt. Per Dozen, Lbs.	25	30	34
Per Dozen	89.45	10 00	10 55

Weights EACH Do Not Include Handle.

One-half Dozen in a Box.

Hatchets.

PEERLESS

BENCH

Crucible Tool Steel, Gold Bronzed, Polished Head and Bit, Hickory Handle.

Nos.	P2	P3	P4
Cut, Inches	4½	5	5½
Weight Each	1 lb. 12 oz.	2 lb. 2 oz	2 lb 8 oz.
Approx. Weight Per Dozen, Lbs.	33	35	43
Per Dozen	$13.25	14.90	16 60

Nos.	P5	P6	P7
Cut, Inches	6	6½	7
Weight Each	2 lb. 14 oz.	3 lb. 4 oz.	3 lb. 12 oz.
Approx. Weight Per Dozen, Lbs	45	55	60
Per Dozen	$18.90	20.60	23.80

Weights EACH Do Not Include Handle.

One-half Dozen in a Box

SHINGLING

Crucible Tool Steel, Gold Bronzed, Polished Head and Bit, Hickory Handle.

Nos.	P11	P12	P13
Cut Inches	3½	3⅞	4⅛
Weight Each	1 lb. 1 oz.	1 lb. 7 oz.	1 lb. 13 oz.
Ap. Wt. Per Doz., Lbs.	25	30	35
Per Dozen	$9.15	9.70	10 30

Weights EACH Do Not Include Handle.

One-half Dozen in a Box.

CLAW

Crucible Tool Steel, Gold Bronzed, Polished Head and Bit, Hickory Handle.

Nos.	P21	P22	P23
Cut, Inches	3½	3⅞	4⅛
Weight Each	1 lb. 3 oz.	1 lb. 9 oz.	1 lb 15 oz
Ap. Wt. Per Doz., Lbs.	25	30	35
Per Dozen	$10.30	10.90	11 45

Weights EACH Do Not Include Handle.

One-half Dozen in a Box.

HALF

Crucible Tool Steel, Polished and Etched, Hickory Handle.

Nos.	P31P	P32P
Cut, Inches	3⅛	3½
Weight Each	15 oz.	1 lb. 5 oz
Approx. Wt. Per Dozen, Lbs	23	28
Per Dozen	$12.70	13.25

Weights EACH Do Not Include Handle.

One-half Dozen in a Box.

LATHING

Crucible Tool Steel, Gold Bronzed, Polished Head and Bit, Hickory Handle.

Nos.	P41	P42
Cut, Inches	2½	2¾
Weight Each	14 oz.	1 lb. 1 oz
Approx. Wt. Per Dozen, Lbs.	23	28
Per Dozen	$9.15	9.70

Weights EACH Do Not Include Handle.

One-half Dozen in a Box.

PENOBSCOT SNOWSHOES

These [illegible] have made [illegible] the [illegible] stretch, [illegible] [illegible] [illegible]

PENOBSCOT SNOWSHOES

MODEL A

MODEL B

MODEL C

MODEL E

MODEL F

These snowshoes are all hand made, the bows being split, not sawed, from the best white ash, smoothed and shaped by hand. They are intended for real service and while style and lightness are considered, quality is our first aim. Two styles of filling are used. No. 1 is by far the best and is guaranteed for a year. No. 2 is of good quality, being better than some merchants sell as best.

MEN'S SNOWSHOES

Penobscot Special. A graceful design, 1½ to 2 inch turn at toe, strong and excellent for general snow conditions.

No. **AS2.** 12 x 50 ins., medium filling **$5.00** No. **AL1.** 13x50 ins., best filling . . **$6.00**

Maine Trail. The strongest shoe made and popular with guides, lumbermen and trappers. Wider for its length than style "A" and with 1½ inch turn at toe.

No. **BS2.** 13x46 ins. medium filling. . **$5 00** No. **BL1.** 14x18 ins., best filling **$6.00**

Dunham Model. Made of the same high-grade material as above but with the width opposite the heel instead of the toe. Turn at toe 2 to 2½ inches.

No. **IS2.** 12x44 in., medium filling **$5.00** No. **IL1.** Best filling **$6 00**

LADIES' AND YOUTHS' SNOWSHOES

Lady Dunham. A light, graceful and strong shoe with long shapely turn at toe of about 2½ inches.

No. **CS2.** 11x40 ins., medium filling . **$4 50** No. **CL1.** 12x12 ins., best filling. . **$5 50**

Penobscot Leader. In design it is like model "A" but of a size for light weight women, misses and youths.

No. **HS2.** 11x40 in., medium filling. **$4 00** No. **HL1.** 12x42 ins., best filling . . **$5.00**

CHILDREN'S PENOBSCOT MODEL

This shoe is strongly made and of the same material as larger sizes. The filling is the medium quality and all are trimmed with colored tassels.

No. **ES2.** 9x30 inches. . . . . **$3.00** No. **EL2.** 10x35 inches. **$3 00**

"BEAR PAW" SNOWSHOES

A distinctive shape, particularly popular with mountain climbers, hunters and trappers. Toe is turned up about 1 inch.

MEN'S ADIRONDACK		WHITE MOUNTAIN	
No. **FM1.** 14x28 ins., best filling .	**$6 00**	No. **SS2.** 13x26 ins., medium filling .	**$5.00**

SNOWSHOE FITTINGS

No. **85.** "Lampwick" Thongs. . . . . Pair	**$ 10**	No. **87.** Leather Thongs. . . . . Pair	**$ 25**
No. **89.** Snowshoe binding or harness	**1.25**	No. **90.** Extra quality, harness "	**1 75**

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

Sausage Stuffers, Lard and Fruit Presses.

ENTERPRISE

No. 5—Rack Movement. Nos. 15 to 40 Screw Movement

Japanned.

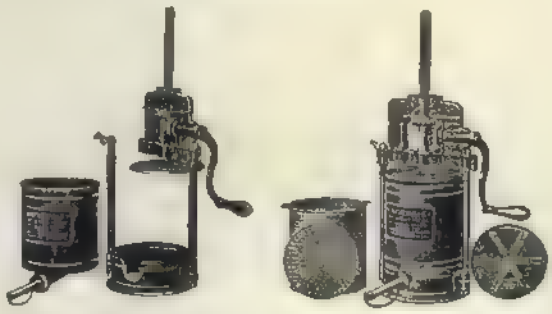
New Patent Corrugated Spout, Swinging Top, Perforated Cylinder and Bottom Plate, Removable Plunger Plate.

Nos	5	15	25	31	35	*40
Quarts	2	2	4	6	8	8
Ap Wt Ea, Lbs.	20	25	41	50	60	50
Each	$5.90	7.05	8 60	9 75	10 95	13.30

*NOTE—No. 40 is Tinned

Nos. 5 and 15, Six in a Case; Nos. 25 to 40, One in a Case

UNIVERSAL



Showing Stuffer Taken Apart

All Steel, Japanned and Striped.

Swinging Top, Perforated Cylinder and Bottom Plate, Removable Plunger Plate.

Nos.	44	66	88
Quarts	4	6	8
Ap. Weight Each, Lbs.	40	48	56
Each	$8.70	9.85	11.10

One in a Case.

Lard and Fruit Presses.

NATIONAL

Japanned, Corrugated Spout.

Swinging Arch, Perforated Cylinder and Bottom Plate, Removable Plunger Plate.

Nos.	24	26	28
Quarts	4	6	8
Ap Weight Each, Lbs.	39	48	56
Each	$8 00	9.10	10 15

One in a Crate

INDEPENDENT QUICK ACTION

Japanned.

Cast Iron Parts, Heavy Tin Colander and Outside Cylinder.

No.	240
Quarts	4
Ap. Weight Each, Lbs	18
Each	$3 90

One in a Crate

Sausage Stuffers.

PERRY'S

Japanned Iron.

	Per Dozen
No. 1—Family Size, 3½ in. Cylinder, 22 in. Lever Handle, Weight Each About 9 Lbs.	$18.00
No. 0—Butchers' Size, 4½ in. Cylinder, 25 in. Lever Handle, Weight Each About 13 Lbs.	25.20

One-half Dozen in a Box.

RAILROAD

Japanned Iron Base, Tin Cylinder.

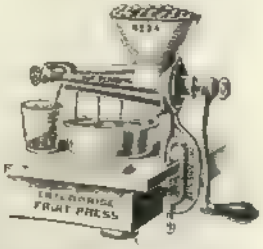
	Per Dozen
No. 10—Family Size, Capacity 3½ Lbs.	$26 65

Weight Each About 8 Pounds

One-half Dozen in a Box

Fruit, Wine and Jelly Presses.

ENTERPRISE



Tinned, with Table Clamp.	Per Dozen
No. 34—12½ in. Long, 13½ in. High, Capacity of Hopper 1 Quart	$74.60

This machine is superior to all others for making wines, jellies and fruit butters from berries of all kinds grapes, currants, tomatoes, quince, pineapples, etc Its principle is ample, is easily operated, and saves all the rehandling necessary with other presses, as it extracts the juice and ejects the skins and seeds in one operation.

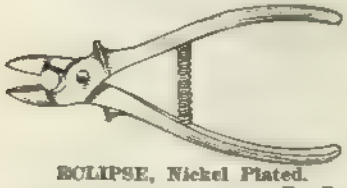
Weight Each About 12½ Pounds.
One-half Dozen in a Case

Fruit and Vegetable Presses.

Japanned Handles.	Per Dozen
No. 2—Retinned Strainer and Bowl	$4 15
Extra Cups—For No. 2 Presses, Fine	2.25
Extra Cups—For No 2 Presses, Coarse	2.25

Weight Per Dozen About 21 Pounds.
Six Dozen in a Barrel.

Pineapple Eyers.



ECLIPSE, Nickel Plated.

	Per Dozen
No 110—6 in Long Cast Iron	$2 25

Weight Per Dozen About 5 Pounds.
One Dozen in a Box.

Apple Corers.

IC Tin.

	Per Dozen
No. 1—3¼x6 in.	$0.60

Weight Per Dozen About 2 Pounds
One Dozen in a Package.

Strawberry Hullers.

NIP-IT

Spring Steel.

	Per Dozen
Nip-It—Nickel Plated, for Removing Hulls from Strawberries	$0 70

By its use one avoids Stained Fingers, Seeds under Finger Nails, Crushed Fruit, keeps Berries whole for Table use, takes out Soft Spots, etc.

Weight Per Dozen About 1 Pound.
One Dozen in a Box.

Meat Juice Extractors.

ENTERPRISE

Tinned, with Table Clamp.	Per Dozen
No. 21—9 in. Long, 12 in High	$4.15

The machine being tinned, no metallic or inky flavor will be imparted to the material used The dryness of pulp or refuse can be regulated by the thumb screw at the outlet

Weight Each About 6 Pounds
One-half Dozen in a Case

Potato Mashers.

Seamless Steel Bowl.	Per Dozen
No. 11—3¼ in. Diameter, Heavily Tinned Bowl, 10 in. Long Black Japanned Steel Handles	$4.50

Weight Per Dozen About 22 Pounds
One Dozen in a Case.

Corers.

SPENGLER, Heavy Tin.

	Per Dozen
No. 25—7 in. Long, Wood Handle, Saw Edge	$1.70

Indispensable in preparing vegetables such as potatoes, carrots beets, etc
Weight Per Dozen About 2 Pounds
One Dozen in a Box

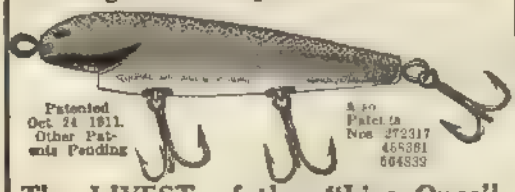
Raisin Seeders.

ENTERPRISE

Tinned.	Per Dozen
No. 36—Family Size, Seeds One Pound in Five Minutes, Adjustable for Different Sizes of Raisins	$25.00

Weight Per Dozen About 45 Pounds.
Two Dozen in a Case.

Pflueger "Surprise" Minnow



Patented Oct. 24 1911. Other Patents Pending

Also Patented Nos. 372317 455381 604839

The LIVEST of the "Live Ones"

Stock this New Floater, Diver and Wiggler and *See Your Trade Grow*

Brought out at close of 1914's season, this new artificial minnow leaped into instant popularity. The result of 51 years successful tackle-building is represented in Pflueger "Surprise" Minnow.

We offer this minnow to the trade as representing the highest art in artificial bait.

Our products rank as "the largest fishing tackle builders in the world" stands behind this bait.

The "Surprise" is a floating bait which dives the instant reeling is commenced, the depth being controlled by the speed of reeling. As it comes to the surface, similar construction causes the bait to wiggle and last as all with the erratic movements of a live minnow—the motions that arouse the combative instincts of the game bass. Upon stopping reeling, the bait rises to the surface.

Made in seven color blends, as follows

No. 3970 Luminous Enamel all over—Red Throat.

No. 3969 White Enamel Belly—Green and Red Spots, Red Throat.

No. 3973 White Enamel Belly—Rainbow Back, Red Throat.

No. 3971 White Enamel Belly—Green Back, Red Throat.

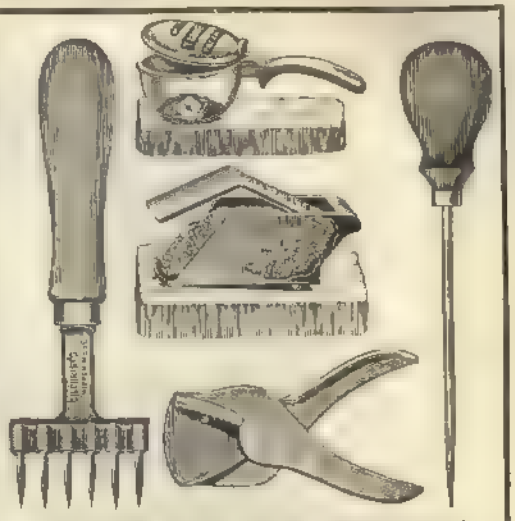
No. 3985 White Enamel Belly—Green Cracked Back, Red Throat.

No. 3993 Yellow Perch—Red Throat.

Notice—Hardware Dealers send for illustrated price list and discounts. Good Profits. A big line of Fishing Tackle.

THE ENTERPRISE MFG. CO., Dept. 16, Akron, Ohio

Akron Fishing Tackle Works, Successors to The American Fish Hook Co. Established 1864



"BETTER THAN NEED BE" GOODS

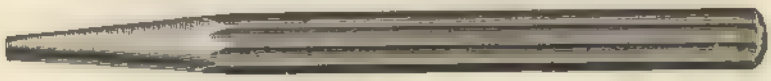
ICE PICKS—27 styles. Needle pointed, big ice conquering pick points are GUARANTEED not forged or poorly ground. Location of points is everything. This means much to the ice man more to the consumer. LEMON SQUEEZERS—6 styles in all of enameled iron. LEMON SQUEEZERS—3 styles in all of wood. LIME SQUEEZERS—2 styles, solid aluminum. ICE SHREDDERS—6 styles, steel blades. ICE PLANES with four to eight hardened and tempered knives, discharging and adjustable. Automatic Ice Cream Dishers, Soda Glass Holders, Cork Pullers, Cocktail Shakers, Flatware, Bar and Soda Spoons, Drink Strainers, Mop Presses, &c., &c.

Send for full descriptive catalogue.

THE GILCHRIST CO. - - Newark, N. J.

C-S. Co. **Octagon Punches.** **C-S. Co.**

Forged from ⅜ inch Crucible Steel.



Octagon Solid Punches

Taper Machinist Punches.
Nail Sets. Knurled Center Punches.
Tool Steel Machinist Chisels, Etc.

Octagon Prick Punches

Send for Catalog.

THE CHAPIN-STEPHENS CO.
UNION FACTORY
PINE MEADOW, CONN., U. S. A.

ONE OF MANY Dealers Staple Standards

THE GEM POULTRY SUPPLIES

Exhibition and Shipping

COOPS

INCUBATORS

27 Years Est

GEM MFG. CO.

Successors to Gem Incubator Co.

Greenville, O., U. S. A.

This Striking Enameled Steel Sign FREE to All Dealers in Klein Tools.

Are *YOU* One of Them? If Not, Why Not?

Catalog on Request

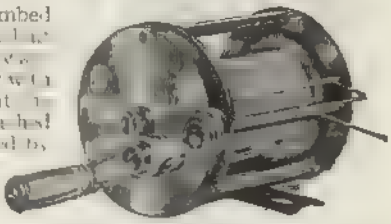
MATHIAS KLEIN & SONS, Canal Stn. 57, Chicago

PLUEGER REDIFOR SELF-THUMBINC REEL

When using the Redifor self-thumbing reels one has nothing to do with the delicate thumbing because the automatic thumbing lever takes care of that. Fishermen, sportsmen, tinkers and jewelers use this. A high satisfactory reel at a low price, complete in leather hinge cover box

No. FJ. 2 inches high, spool 1½ inches wide $7 50

SOUTH BEND ANTI-BLACK-LASH CASTING REEL



The reel works just as if it were thumbed by an expert, the spool being free when the line is going out, and the brake is automatically applied without any attention from the angler with just the proper force as the line slackens at the end of the cast. When the best results are desired for casting, the brake should be adjusted by the screw on the crank side of the reel. Screwing in increases the brake action, while screwing out decreases it or the brake may be entirely released.

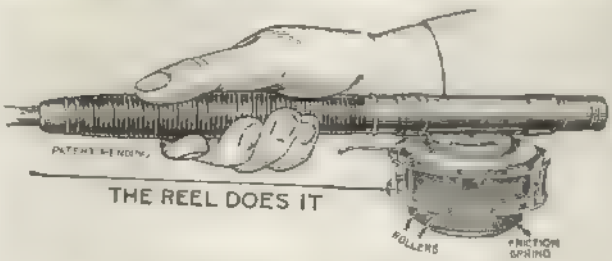
Spool frame and side plates are very light, strong and rigid. The spur and gear pinion are of phosphor bronze, accurately ground and run in bed turning on hardened steel pivots. The end thrust is supported by a jeweled spool pivot, thus insuring smooth action.

The gearing consists of a hunting tooth train, the gear of which is cut from hard drawn brass and the pinion from special steel wire, which, in action, produces a powerful, yet quiet, free running reel.

No. BB. Capacity 100 yards..... $7 50

"MEISSELBACH" AUTOMATIC REELS

It is a well known fact that reeling in the line upon a slight pressure of the controlling lever, keeping the line taut at all times, is the best method of fishing.

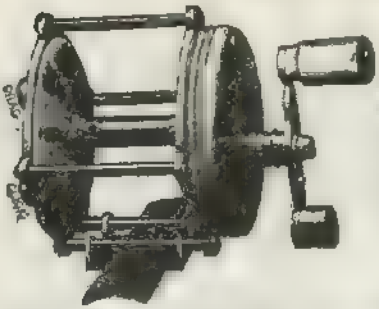


The reel can be used on reel-seat above or below. Particularly desirable for brook trout fishing, where the line has to be lengthened and shortened so many times in fishing around brush, etc. A fish once hooked can never get any slack line, if the fine is kept on the reel controller. The spring is not powerful enough to reel in a large fish, the primary object being to do away with hand reeling. Line can be wound upon any time by turning the reel spring box, without removing from fishing.

No. 33. Size of spool 3½ inch. Capacity, 100 yards of No. 5 line $4 00

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

SALT WATER REELS



THE "BRIGHTON"

These are fine quality reels, combining multiplying [illegible] salt water fishing. They are fitted with [illegible] ball bearings [illegible] nickel plated.

No. 666. 150 yards ..... Each $1 25
No. 667. 200 yards ..... Each 1 50

THE "CLIMAX"

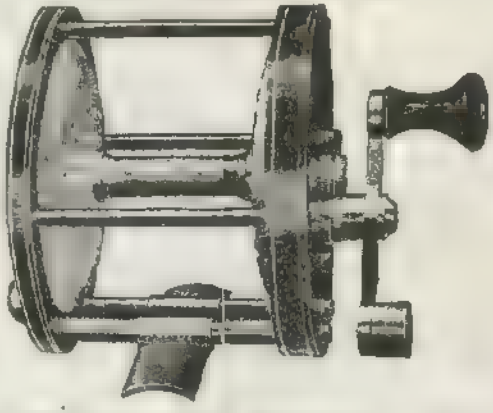
[illegible] Multiplying Reels are [illegible] fishing, the gears being [illegible] rustable sliding click and [illegible] with heavy nickel plated side [illegible]

No. 206. All metal, 150 yds. $1 80 No. 208. All metal, 250 yds $2 20

[illegible] salt [illegible]

[illegible] reel, being made with solid rubber side plates and nickel plated [illegible] pivots [illegible] stainless steel [illegible] The [illegible] reel is made of [illegible] the correct size and size for handling heavy [illegible] The [illegible] click and reel seat [illegible]

THE "CORONADO" REEL



No. 406. Will hold 150 yds. Pillar 2 inches [illegible] 2 13 16 inches $3 50
No. 407. Will hold 200 yds. Pillar 2 inches [illegible] 3 1 16 inches 4 00
No. 408. Will hold 250 yards. Pillar 2 1 16 inches [illegible] 3 5 16 inches 4 50
No. 409. Will hold 300 yards Pillar 2 1 16 inches, disc 3⅝ inches 5 50

THE "IDLEWILD" SURF CASTING

Similar to the "Coronado," [illegible] strong metal side plates.

No. 107. 200 yards. Pillar 2 inches, disc 3⅝ inches $2 75
No. 109. 300 yards. Pillar 2 inches, disc 3⅝ inches 3 25

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

Fine Solid Gold Cameo Brooches

Quality Guaranteed. Prices Each

No. 3822..... $38.50
Genuine brown shell cameo, English finish mounting, engraved safety catch.

No. 3823 $33.00
Fine real pink shell cameo, fine real whole pearls strung on gold wire, pendant ring, safety catch, English finish

No. 3824..... $28.50
Fine real pink shell cameo, real whole pearls strung on gold wire, black enamel between strands of pearls, pendant ring, safety catch, English finish

No. 3825..... $33.00
Fine real pink shell cameo, real whole pearls strung on gold wire, black enamel, between pearl strands, pendant ring English finish safety catch

No. 3826..... $32.45
Genuine pink and white shell cameo, English finish mounting, engraved, safety catch

No. 3827 .. $27.50
Fine real pink shell cameo, pierced border, pendant ring, safety catch, English finish.

No. 3828 ..... $27.00
Fine real pink shell cameo, 8 real pearls, filligree mounting, English finish

No. 3829 $25.30
Genuine cameo shell cameo, polished and chased, green gold mounting, 12 half pearls

No. 3830 .. $22.00
Genuine pink shell cameo, English finish, hand engraved, safety catch

No. 3831 $20.65
Fine real pink shell cameo, pierced mounting, pendant ring, safety catch, English finish

No. 3832 .. $23.40
Fine real pink shell cameo, English finish mounting

No. 3833 $21.10
Fine real pink shell cameo, English finish pierced mounting

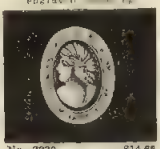
No. 3834 .. $20.15
Genuine pink and white shell cameo, English finish engraved

No. 3835..... $19.55
Fine real pink shell cameo, real half pearls, pendant hook safety catch, English finish

No. 3836..... $17.50
Fine real pink shell cameo, English finish pierced mounting.

No. 3837 .. $16.50
Genuine carnelian shell cameo, polished chased mounting

No. 3838 $15.60
Fine real pink shell cameo, 4 real baroque pearl, English finish



No. 3839 $14.65
Genuine pink and white shell cameo, English finish mounting, hand engraved

No. 3840 $14.20
Fine real pink shell cameo, real whole pearl strung on wire, English finish

No. 3841 $23.30
Genuine coral cameo, polished engraved mounting

No. 3842 $20.15
Fine real sage green Wedgewood cameo, enameled border to match, English finish, safety catch

No. 3843 $16.50
Genuine Wedgewood cameo, light blue color enameled border to match, English finish, safety catch

No. 3844 $13.30
Real Wedgewood cameo, sage green color enameled border to match, English finish, safety catch

No. 3845 ..... $12.40
Fine real Wedgewood cameo, dark blue color, enameled border to match, English finish, safety catch

No. 3846 $15.15
Fine real Wedgewood cameo, light blue color, E. T. and engraved, English finish, safety catch.

ADZES

CARPENTERS'

No 740.

Half Head.

Cast Steel, Gold Bronzed, Polished Bit and Head.

Per Dozen

No. 740—3½ to 4½ in. Bits, Assorted $24.00

Weight Per Dozen 55 Pounds

One Dozen in a Box.

RAILROAD

No. 760

Full Head.

Cast Steel, Gold Bronzed, Polished Bit and Head.

Per Dozen

No. 760—5 to 5½ in. Bits, Assorted $26.00

Usonia—Black Finish, Otherwise Same as No. 760... $20 00

Weight Per Dozen 60 Pounds

One Dozen in a Box.

SHIP CARPENTER

No. 780. No 781.

Spur Head

Cast Steel, Gold Bronzed, Polished Bit

Per Dozen

No. 780—4 to 4½ in. Bits, Assorted $25 00

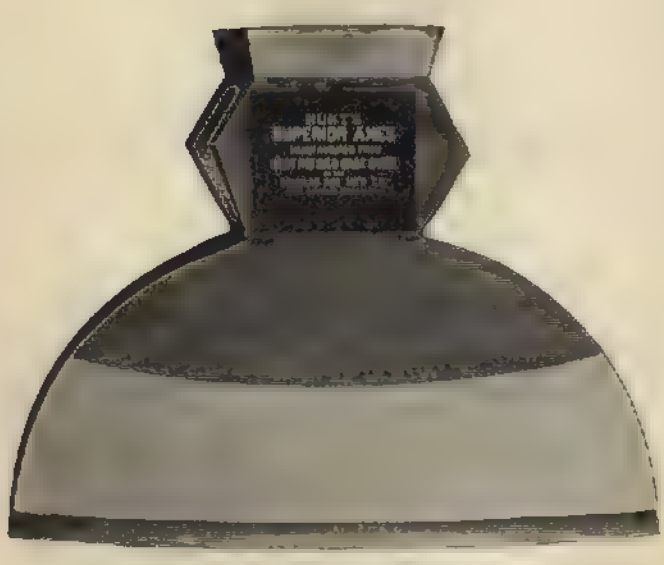
No. 781—With Lipped Bit, Otherwise Same as No. 780 ..... 30 00

Weight Per Dozen 45 Pounds

One Dozen in a Box.

BROAD AXES

HUNT'S



Western Pattern.

Best Refined Cast Steel, Gold Bronzed Finish, Polished Bit

Weight Each, Lbs...	6 to 7	7 to 8	8 to 9
Cut, Inches	10½ to 11	11 to 11½	12½ to 13
Wt. Per Dozen, Lbs..	88	101	112
Per Dozen	$32.00	35.00	38.00

One-half Dozen in a Box.

SHIP AXES

HUNT'S

Ship Pattern.

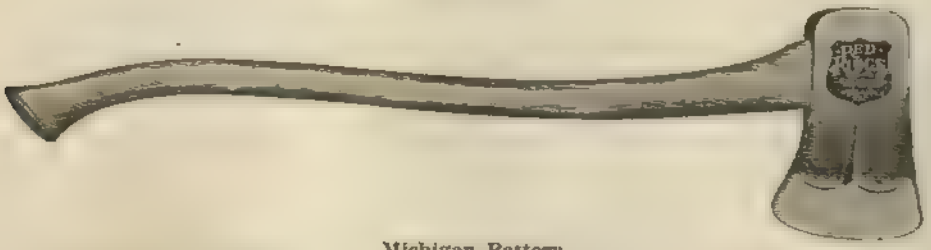
Best Refined Cast Steel, Gold Bronzed Finish, Polished Bit.

Weight Each, Lbs.....	5 to 5½
Cut, Inches	6¼ to 6½
Weight Per Dozen, Lbs.....	69
Per Dozen	$30.00

One-half Dozen in a Box.

HANDLED AXES

RED RIDGE



Michigan Pattern.

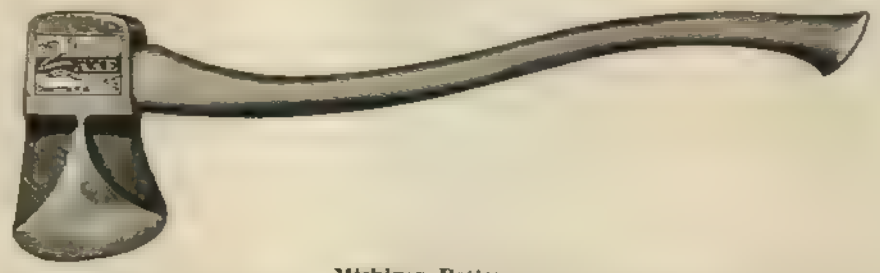
The special ridge feature makes a larger axe than regular pattern of the same weight, giving better balance on the handle. Red Finish, Labeled

Carefully Handled with 36 in. Selected Hickory Handle.

Assorted Weight, Lbs.	3 to 3⅛	3⅛ to 3⅜	3⅜ to 3⅝	3⅝ to 4
Per Dozen	$.....	.....	.....	.....

Average Weight Per Dozen 70 Pounds.
One Dozen in a Box

FALL CITY



Michigan Pattern.

Special Deep Bevel, Solid Steel, Gas Tempered, Blued Bevel and Polished Bit, Labeled

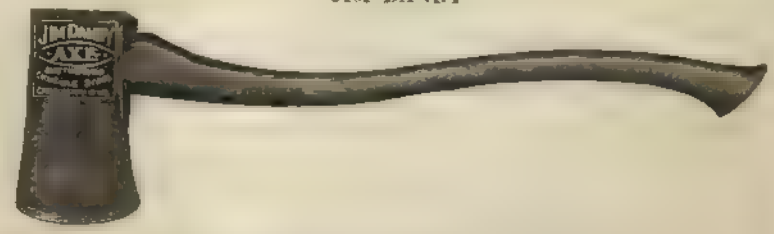
Carefully Handled with 36 in. Selected Hickory Handle

Assorted Weight, Lbs.	3 to 3⅛	3⅛ to 3⅜	3⅜ to 3⅝	3⅝ to 4
Per Dozen	$.....	.....	.....	.....

Average Weight Per Dozen 70 Pounds
One Dozen in a Box.

BOYS' HANDLED AXES

JIM DANDY



Per Dozen

No. 2D Best Refined Crucible Cast Steel, Black Finish, Polished Bit, Labeled, Weight Each without Handle 2¼ Lbs, Handled with 28 in. Boy's Hickory Handle..... ....$ . .

Weight Per Oozen 53 Pounds
One Dozen in a Box

RED RIDGE

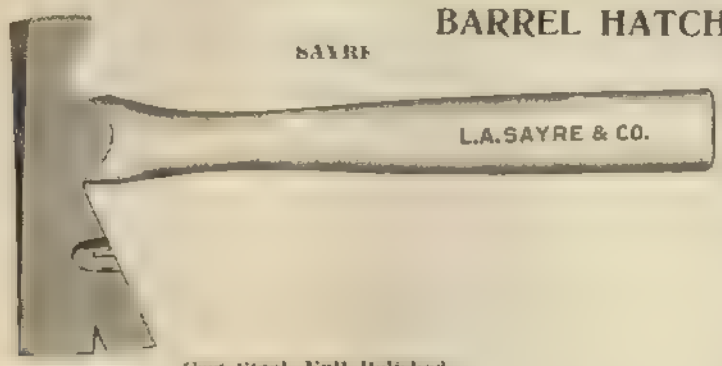
Per Dozen

No. 2R—Special Ridge Feature, Red Finish, Polished Bit, Labeled, Weight Each without Handle 2¼ Lbs. Handled with 28 in. Boy's Hickory Handle ..... $.

Weight Per Dozen 53 Pounds
One Dozen in a Box.

BARREL HATCHETS

SAYRE

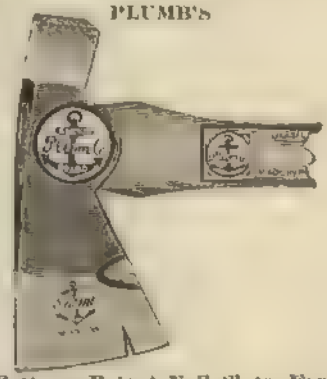


Cast Steel, Full Polished.

No.	127
Weight Each without Handle Oz	10
Length of Handle, Inches	12
Weight Per Dozen, Lbs	15
Per Dozen	$8.00

One-half Dozen in a Box

PLUMB'S



Improved Pattern, Patent Nail Slots, Forged Steel Enameled Red, Polished Bit and Head.

Per Dozen

No. 637 Size 2, 2⅞ in Cut Weight Each 1 Lb. . $11 00

Weight Per Dozen 18 Pounds.

One-half Dozen in a Box.

BARREL HATCHETS

Boston Pattern.

Forged Steel, Enameled Red, Polished Bit and Head

Per Dozen

No. 631 Size 2, 2⅜ in Cut, Weight Each 14 Oz $8 50

Weight Per Dozen 13 Pounds.

One-half Dozen in a Box.

PRODUCE HATCHETS

Short Pattern, Two Nail Slots.

Forged Steel Enameled Red, Polished Bit and Head

Per Dozen

No. 3005 2⅛ in Cut, Weight Each 12 Oz. . . $10 00

Weight Per Dozen 12 Pounds.

One-half Dozen in a Box.

LATHING HATCHETS

Adze Eye, Bell Face.

Extra Tool Steel, Forged, Full Polished and Etched.

No.	75
Cut Inches	2
Checkered Rows	9
Weight Each Oz.	12
Weight Per Dozen, Lbs.	12
Per Dozen	$14.50

One-half Dozen in a Box.

Boston Pattern.

Extra Tool Steel, Forged, Full Polished and Etched.

No.	85
Cut, Inches	2
Checkered Rows	8
Weight Each, Oz.	14
Weight Per Dozen, Lbs.	13
Per Dozen	$18 00

One-half Dozen in a Box.

Underhill Pattern.

Extra Tool Steel, Forged, Full Polished and Etched

No.	95
Cut, Inches	2¼
Checkered Rows	9
Weight Each, Oz.	15
Weight Per Dozen, Lbs.	14
Per Dozen	$16.50

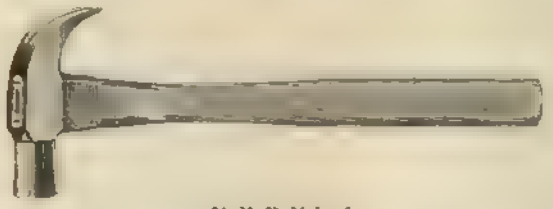
One-half Dozen in a Box.

Note—Weights Each Do Not Include Handles.

NAIL HAMMERS

MAYDOLE'S

Maydole Nail Hammers are warranted to be first class in every respect. Each tool is forged from the best refined crucible cast steel. Each end of the hammer head is separately and differently tempered, and with direct reference to the work it has to perform.



Full Polished.

Round, Adze Eye, Forged Best Refined Crucible Cast Steel, Air Seasoned Second Growth Hickory Handle.

Nos.	0	1	1½
Wt. Each without Handle.	1 lb. 8 oz.	1 lb. 4 oz.	1 lb.
Weight Per Dozen, Lbs...	30	23	20
Per Dozen	$16.00	13.00	12.00

Nos.	2	3
Wt. Each without Handle.	13 oz.	7 oz.
Weight Per Dozen, Lbs...	17	11
Per Dozen	$11.25	10.00

One-half Dozen in a Box.

Polished.

Bell Face, Adze Eye, Forged Best Refined Crucible Cast Steel, Air Seasoned Second Growth Hickory Handle.

Nos.	10	11	11½	12
Wt Ea. without Hdle.	1 lb. 9 oz.	1 lb. 3 oz.	1 lb.	12 oz
Wt. Per Dozen, Lbs..	29	23	20	17
Per Dozen	$16.00	13.00	12.00	11.25

Nos.	12½	13	14
Wt. Ea. without Hdle.	10 oz.	7 oz.	5 oz.
Wt. Per Dozen, Lbs..	14	11	9
Per Dozen	$10.50	10.00	9.50

One-half Dozen in a Box.

MAYDOLE'S RIPPING

Full Polished.

Straight Claw, Round Adze Eye Forged Best Refined Crucible Cast Steel, Air Seasoned Second Growth Hickory Handle.

Nos.	700	701
Wt. Each without Handle..	1 lb. 10 oz.	1 lb 4 oz.
Weight Per Dozen, Lbs....	30	23
Per Dozen	$16.00	13.00

Nos.	701½	702
Wt Each without Handle..	1 lb.	13 oz.
Weight Per Dozen, Lbs....	20	17
Per Dozen	$12.00	11.25

One-half Dozen in a Box.

Polished.

Straight Claw, Bell Face, Adze Eye, Forged Best Refined Crucible Cast Steel Air Seasoned Second Growth Hickory Handle.

Nos	710	711	711½	712
Wt. Ea. without Hdle.	1 lb. 9 oz.	1 lb. 3 oz.	1 lb.	12 oz
Wt. Per Dozen, Lbs..	29	23	20	17
Per Dozen	$16.00	13.00	12.00	11.25

Nos.	712½	713	714
Wt. Ea. without Hdle.	10 oz.	7 oz.	5 oz.
Wt. Per Dozen, Lbs..	14	11	9
Per Dozen	$10.50	10 00	9.50

One-half Dozen in a Box.

STANLEY'S

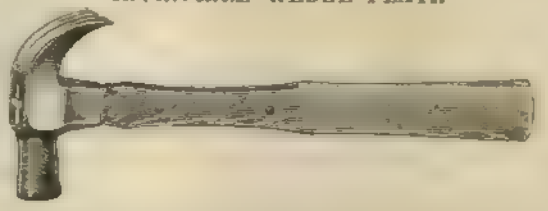
Full Nickel Plated.

Round Neck, Octagon Poll, Adze Eye, Special Steel, Carefully Forged, Hardened and Tempered Selected Second Growth, White Hickory Handle.

Nos.	13N-16
Weight Each without Handle	1 lb.
Weight Per Dozen, Lbs.	18
Per Dozen	$12.60

One-half Dozen in a Box.

INVINCIBLE WEDGE PLATE



The Head Stays on and the Handle is Warranted not to Break.
Full Polished.

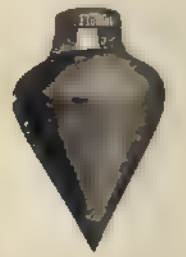
Round, Adze Eye, Forged High Grade Steel, Carefully Tempered Selected Second Growth Hickory Handle

Nos.	1½
Weight Each without Handle.	1 lb
Weight Per Dozen, Lbs.	20
Per Dozen	$10 00

One-half Dozen in a Box.

PLUMB BOBS

IRON



Adjusted Top, Japanned.

	Per Dozen
No. 2—Weight Each 9½ Oz.	$1.08

One Dozen in a Box.

Adjusted Top, Japanned.

	Per Dozen
No. 00—Weight Each 1 Lb. 2 Oz.	$1.92
No. 0—Weight Each 2 Lb. 10 Oz.	4.20

One-half Dozen in a Box

HOLD FAST

High Carbon Hexagon Steel, Nickel Plated, Tempered Point, Complete with 7½ ft. Braided Linen Twine.

Nos.	14	16	18
Weight Each, Oz.	4	6	8
Per Dozen	$2.25	2.40	2.50

One in a Carton, Six Cartons in a Box.

BRASS

Cast Brass, Hardened Cast Steel Point, Screw Top.

Nos.	2	3
Weight Each, Oz	6½	12
Per Dozen	$5.00	7.50

One-half Dozen in a Box.

STANLEY'S ADJUSTABLE

Bronze Metal, Polished, with Reel and Line.

Nos.	1-S	2-S
Length, Inches	3½	4
Weight Each, Lbs.	⅝	¾
Per Dozen	$18.00	21.00

A spring, which has its bearing on the end, will check and hold the bob firmly at any point on the line.

One in a Box.

STARRETT'S MERCURY

No. 87—Nickel Plated Knurled Steel Body, Filled with Mercury, Hardened Point, Complete with Braided Silk Line.

Weight Each, Oz.	3½	6	12	16
Length, Inches	4	5	5½	6
Diameter, Inches	½	⅝	⅞	1
Each	$1.75	1.75	2.25	2.75

Fitted with a patented device for fastening the string without a knot to tie or untie, simply by drawing it into the peculiarly slotted neck at the top, after unwinding the required length, when the bob will hang perfectly true

One in a Box.

B. & S. MERCURY

No. 790—Nickel Plated Steel Body, Filled with Mercury or Quicksilver, Hardened Point, Complete with Braided Silk Line.

Weight Each, Oz.	3½	6	12	16
Length, Inches	4	4½	5⅝	6
Diameter, Inches	½	⅝	⅞	1
Each	$1.25	1.75	2.25	2.75

An important feature is the device for fastening the string without a knot, to any desired length. After unwinding the required length, the cord is inserted in a slot in a taper stud, and the knurled cap, which has a taper hole, is forced over it, thus making the bob hang true.

One in a Box.

DIVIDERS

WING

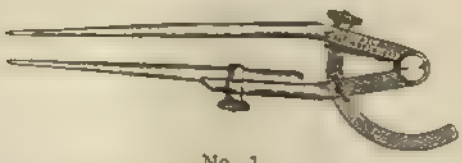
No. 1W—Forged Steel, Polished, Brass Joints.

Length, Inches	5	6	7	8	9
Wt. Per Dozen, Lbs.	2⅝	3⅛	3⅝	4⅛	6
Per Dozen	$5.50	5.50	6.50	7.50	9.00

Length, Inches	10	12	15	18
Wt. Per Dozen, Lbs.	7⅛	9	13	18
Per Dozen	$10.00	12.00	18.00	25.00

5 to 8 in., One Dozen; Balance, One-half Dozen in a Box.

EXTENSION



No. 1.

No. 1—Cast Steel, Polished, One Movable Point.

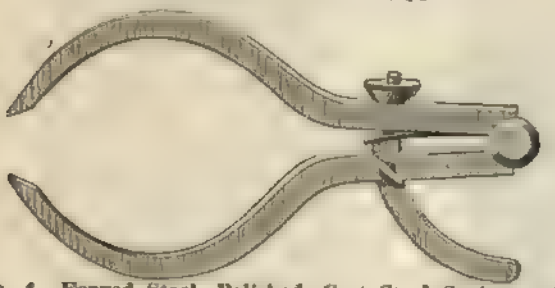
Length, Inches	6	7	8	10
Wt. Per Dozen, Lbs.	4	4½	4¾	6
Per Dozen	$9.00	10.00	11.00	12.00

No. 2—Cast Steel, Polished, Two Movable Points.

Length, Inches	8	10
Weight Per Dozen, Lbs.	5½	7
Per Dozen	$12.00	13.00

One-half Dozen in a Box.

WING CALIPERS



No. 4—Forged Steel, Polished, Cast Steel Spring and Set Screw.

Length, Inches	6	8	10
Weight Per Dozen, Lbs.	3¼	4½	7⅝
Per Dozen	$7.00	9.00	11.00

One-half Dozen in a Box.

GEM SCRIBERS

Per Dozen

Gem New Style—3½ in. Long, Polished Stamped Steel Frame, Steel Set Screw and Thumb Nut, One Leg with Adjustable Steel Point and One to Hold Pencil, Weight Per Dozen 1 Lb.....$5.00

One Dozen in a Box.

PENCIL HOLDERS

STANLEY'S

In Use.

Full Size.

Per Dozen

No. 8—Steel, Nickel Plated, with Thumb Screw, for Attaching to a Pair of Ordinary Dividers, Weight Per Dozen ½ Lb.....$1.25

Two Dozen in a Box.

EXCELSIOR

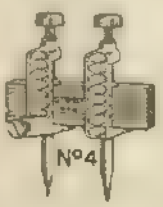
Per Dozen

Excelsior—Brass, Nicely Tinned, Can be Attached to Any Divider or Compass for Marking Circles, Weight Per Dozen ⅝ Lbs.....$2.75

One Dozen in a Box.

TRAMMEL POINTS

STANLEY'S



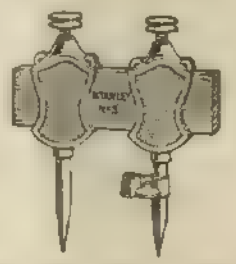
Iron, Nickel Plated, Steel Points, with Pencil Socket.

Per Dozen Sets

No. 4—4½ in. Long, for Straight Edge up to 1¼ in., Weight Per Dozen Sets 3 Lbs.....$9.00

Can be attached to one side of any straight stick. The pencil socket will take an ordinary sized pencil, or a full sized oval shaped carpenter's pencil.

One Set in a Box.



Bronze Metal, Steel Points, with Pencil Socket.

Nos.	1	2	3
Length, Inches	3½	4½	5½
For Straight Edge, Inches.	⅝	1	1¼
Wt. Per Dozen Sets, Lbs.	3	4½	7½
Per Dozen Sets	$14.40	18.00	25.00

One Set in a Box.

POCKET KNIVES

Cut Half Size

Cut Half Size.

Per Dozen

No. 1310—**Budding Knife**, 1 Crucible Steel Blade, Glazed, 4¾ in. Ivory Tip, Buffalo Horn Handle, Steel Bolster.....$.....

No. 03602—**Boy Scout**, Four Blades, 1 Large Spear Point, Gouge, Can Opener and Screw Driver, Half Polished, 3⅝ in. Stag Handle, Brass Lined, German Silver Bolsters and Shield....$..

POCKET KNIFE TOOL KITS

For Sportsmen, Farm and Automobile Use.

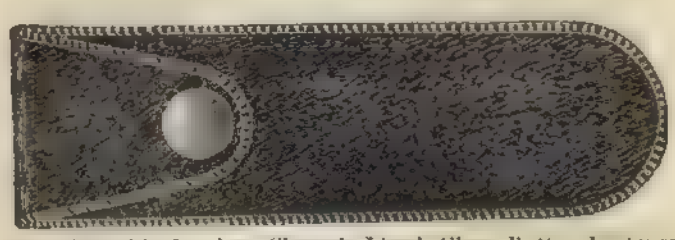
Contains Nine Useful Tools, Made of Finest Tempered Steel, Polished, Each Tool Firmly Attached or Detached to the Knife in a Second. Each Tool is Strong, Durable and Serviceable, all Packed in a Leather Folding Pocket, Size 4¼ x3¼ in., Weight 7 Oz.

Per Dozen Sets

No. 602—Contains Pocket Knife with 4 in. Handle and Large Spey Point Blade, One Each Reamer, File, Saw, Chisel, Screw Driver, Cork Puller and Cap Lifter.....**$72 00**

Always at hand for immediate use, whether camping, boating, teaming, driving, etc., the scout's most useful companion.

POCKET KNIFE PURSES



Fine Sheepskin Leather, Chamois Lined, Glove Button Fastener.

Nos.	0	1	2	3
Size, Inches	2¾ x ¾	3¼ x 1	3½ x 1¼	3¾ x 1⅛
Per Dozen	$			

RAZORS

WOSTENHOLM'S PIPE

Extra Quality Razor Steel, Highly Tempered, Carefully Ground and Tested, Medium Hollow Ground, Glazed, Oval Black Rubber Handle.

Per Dozen

No. 01724—⅝ in. Square Point Blade.....$.....

WOSTENHOLM'S I-XL

Extra Quality Razor Steel, Highly Tempered, Medium Hollow Ground, Crocus Polished, Oval Black Rubber Handle.

Per Dozen

No. 01211—⅝ in. Square Point Blade.....$.....

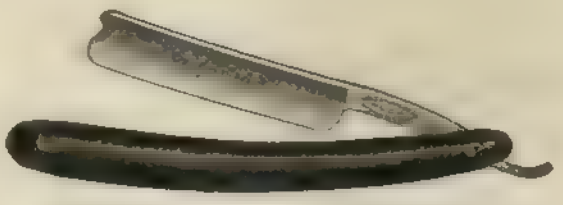
RAZORS

Finest Quality Steel, Hardened and Tempered, Extra Full Concaved, Very Fine Extra Blue Glazed Finish, Oval Black Rubber Handle.

		Per Dozen
No. 100	½ in. Round Point Blade	$
No. 101	⅝ in. Round Point Blade	
No. 102	¾ in. Round Point Blade	

Best Razor Steel, Forged, Ground, Crocus Polished Oval Black Rubber Handle.

		Per Dozen
No. 1414½	½ in. Square Point Blade	$
No. 1414⅝	⅝ in. Square Point Blade	
No. 1414¾	¾ in. Square Point Blade	



Highest Quality Razor Steel, Highly Tempered, Hollow Ground, Glazed, Black Rubber Handle.

		Per Dozen
No. 332½	½ in. Round Point Blade	$
No. 332⅝	⅝ in. Round Point Blade	
No. 332¾	¾ in. Round Point Blade	

Highest Quality Razor Steel, Highly Tempered, Thin Ground, Glazed, Oval Black Rubber Handle.

Designed for a Tough Beard and Tender Skin.

		Per Dozen
No. 249½	½ in. Round Point Blade	$
No. 249⅝	⅝ in. Round Point Blade	
No. 249¾	¾ in. Round Point Blade	

Highest Quality Razor Steel, Highly Tempered, Full Concaved, Brilliant Crocus Polished Swage Back, Selected Pearl Tang.

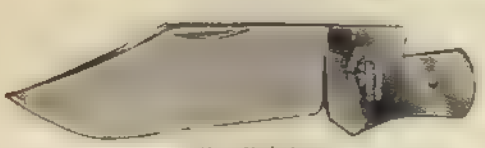
		Per Dozen
No. 992	⅝ in. Special Point Blade, Pearl Celluloid Handle	$

POCKET KNIVES

Cuts Full Size.

CUTS SHOWING THE DIFFERENT STYLES OF BLADES

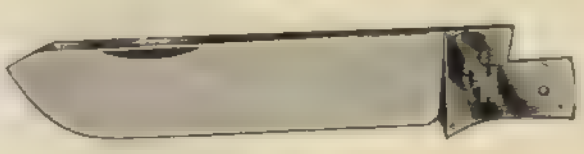
Spear Point



Clip Point

Sabre Point

Sheeps Foot Point.

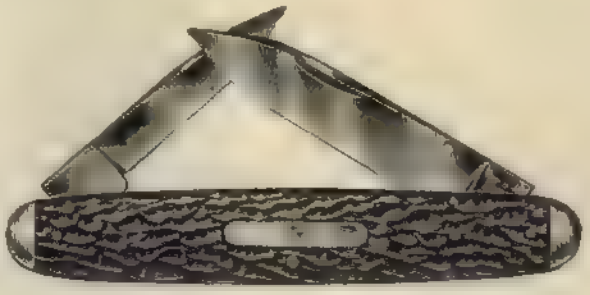


Spey Point.

Note—The above information applies to our entire line of Pocket Knives.

Per Dozen

No. 2754—Two Blades, 1 Large Spear Point and 1 Pen, Polished, 2½ in. Pearl Handle, Brass Lined, Nickel Silver Bolsters.....$.



Per Dozen

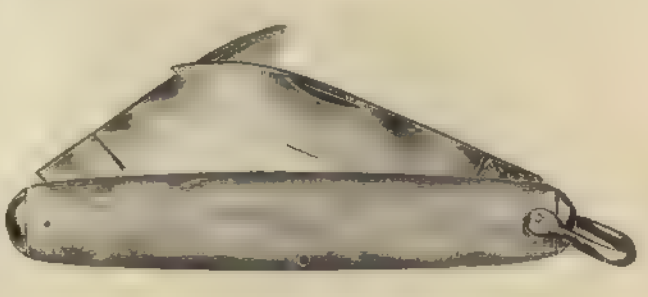
No. 2283—Two Blades, 1 Large Spear Point and 1 Pen, Glazed, 3⅛ in. Stag Handle, Nickel Silver Tips . . . . . $...

Per Dozen

No. 2154—Two Blades, 1 Large Spear Point an 1 Pen, Polished, 2¾ in. Pearl Handle, Brass Lined, Nickel Silver Bolsters..... $

Per Dozen

No. 2284—Two Blades, 1 Large Spear Point and 1 Pen, Polished, 3⅛ in. Pearl Handle, Brass Lined, Nickel Silver Tips.....$.....



Per Dozen

No. 3304—Two Blades, 1 Large Spear Point and 1 Pen, Polished, 3⅛ in. Pearl Handle, Brass Lined, Nickel Silver Tips, with Shackle.....$.

Fine Automobile Accessories

POLICEMAN RADIATOR ORNAMENTS

The greatest selling ornament on the market.

The newest, catchiest thing out Attracts attention instantly, where the ordinary ornament might go entirely unnoticed. Made of excellent, carefully moulded material, and, with but little attention, ought to last a lifetime. Attractively painted in the proper colors—blue suit and cap, red face, etc. The special feature of this ornament is the arms, which swing around on their sockets when struck by the least breath of wind This causes the policeman himself to revolve slowly. Latest fad of New York

Regular price $2 00
No. 100 Each..... $3.00

MECCA DOUBLE LIFT JACK

A perfect combination of high grade malleable iron, superior steel, ingenuity and expert workmanship. Easily the best tool of its kind on the market today All working parts are machined and finished in jigs, which insure perfect construction. The rack is made of best steel, teeth are well milled. Quickly adjusted by simply lifting rack to position Handle is of malleable iron, and is constructed so as to serve as a hammer and tire tool. This jack will stand much rough usage Do not confuse it with lighter tools offered by competitors. Finished in aluminum.

Weight, 11 lbs.; adjustment, 7¼ to 15½ ins.; capacity, 2 000 lbs Regular price, $3.25.

No. 107 Each.....$2.25

SINGLE, DOUBLE AND TRIPLE ACTION PUMPS

Made of finest materials Guaranteed to give perfect satisfaction. Regular price, single action, $2.00. Double action, $3.00. Triple action, $5.00.

No. 111	Single action	$ 3.15
No. 112	Double action	5.00
No. 113	Triple action	11.00

FAMOUS MECCA HAND HORN

This high grade mechanical hand operated horn has proved to be superior to any yet produced It is absolutely guaranteed in every way, will not wear out, no matter how long in use It is loud, distinct, does not squeak, but produces a round, clear note It is finished with hard rubber, black enamel, in black and brass or black and nickel, short or long projector. Specify when ordering. There is nothing made better in quality, material, construction or appearance. Regular price, $6 00

No. 101 Each..... ....$3.20

STEWART SPEEDOMETER FOR FORDS

Rotating Dial, 100,000-mile season adometer, 100-mile trip register, 60-mile scale Black and nickel or black and brass finish Regular price, $12 00.

No. 104 Each.....$24.80

TIMESCO TIRE SAVING JACK

This set of jacks is one of the very best sellers and every dealer should carry them in stock. Every car owner wants to make his tires last as long as possible, and one of the best means of carrying out this wish is to relieve the tires of the weight of the car when in the garage and protecting them from the damp and oily cement floor

Quickly adjusted by simply raising rack to position; one stroke of the lever raises 1½ inches. There are no springs or weak parts. Made of the best grade of malleable iron and heavily aluminized. Weight, 6¼ lbs. Adjustment, 9 to 13½ inches Capacity, 1,500 lbs.

Regular price, per set of 4, $7.25

No. 108 Each $11.45

ELECTRIC VIBRATING HORN

These fine electric horns we have bead made up specially by one of the largest manufacturers of electrical appliances in this country and had them produced at a price to meet all competition and are able to offer these to our customers at a price which will enable them to sell quantities at a good profit and still at a lower price than any competitor can possibly quote on a horn of this kind. They are made in black and nickel, finely finished and in every way a very attractive accessory on a car.

Regular price $5 00
No. 102 Each $3.00

The Greatest Value in Speedometers Ever Offered

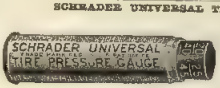
Stewart Speedometer—Model 103

This instrument indicates all speed up to 60 miles per hour, has a Stewart Odometer consisting of 100,000-mile Season Register and 100-mile Trip Register Mile numbers are black on white, tenths red on white. Trip register can be rapidly reset to any tenth of a mile without changing the record of the Season Register Speedometer has full jeweled bearings, polished Tungsten steel magnet, Stewart "closed ring" type. Silver etched dial face, French plate dial glass. Case finished in deep jet lacquer and polished metal trim. Regular price, $40.00

No. 105 Each.... $27 65

LITTLE STEERSMAN

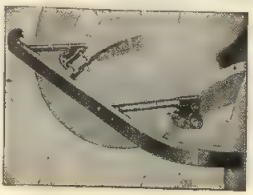
Makes steering easier and steadier and eliminates wear on the front tires. Automatically takes up the lost motion on steering and road wheels. Put one on your car, and in ten days you can save the price in wear on tires. Regular price, $5.50. List, each.....$3.85



SCHRADER UNIVERSAL TIRE PRESSURE GAUGE

This is made by the celebrated Schrader Mfg. Company who manufacture all valves of all tires, and is recognized as the finest pressure gauge for automobile tires made. Simplicity in construction and absolutely guaranteed. Regular price, $1.50.

No. 110 Each $2.50



BUMPER, HIGHEST GRADE MADE

Can be used on any size touring car or large roadster Has 62 inch L shaped channel steel bar, 2 or 2¼ inches wide, finished in brass, nickel or black hard rubber Arms are 16 inches long; hook bolts 4¾ inches long The U-shaped channel steel bar has exceptional strength and will stand a more severe shock than most other bumpers. All bumpers are supplied with all fittings.

		Total Weight	Regular Price
No. 114	Nickel plated, 2-inch channel bar	21 lbs.	$14.40
No. 115	Brass plated, 2-inch channel bar	21 lbs.	14.40
No. 116	Black, 2-inch channel bar	21 lbs.	14.40

RADIATOR SUPPORT For Ford Cars

This simple spring support will fill a very long-felt want. Absolutely guaranteed to absorb the shock of rough driving so radiator will not break, thus eliminating leakage, which means a big saving. Regular price $1.00

No. 106 Each $1.60

STEEL TOW ROPE

Extra strong, durable, light weight steel Tow Rope. Comes 5/18-inch thick and 20 feet long Complete with hook and shackle. Guaranteed to support any strain encountered in towing, etc Takes up but little space folded Shipping weight, 7½ lbs. Regular price, $5.00

No. 109 Each.....$10.65

EZYFILL RADIATOR CAP FOR FORD CARS

No more burnt fingers when the water in your car is hot or boiling and you know your radiator needs filling; you don't have to burn your fingers or soil your gloves. unscrewing filler cap Just touch the button and the cap is open and ready to fill Closes with a snap. It is water tight when closed. Handsome in appearance, durable, sensible, practical, wonderful and reasonable Made of brass. Regular price, $1.00

No. 103 Each $1.60

SPLIT BAMBOO RODS

"POWHATAN" EIGHT STRIP TROUT ROD

The "Powhatan" hand-made Fly Rod possesses all the fine qualities that go to make fly casting a pleasure. The balance is perfect and the distance and ease with which a line can be cast is really remarkable.

It is made in eight sections and consequently nearer round than the usual bamboo rod. For this reason a much finer action is possible, besides the eight strip construction utilizes all the outside enamel of the cane, making the rod much stronger. The German Silver mountings are hand made. The ferrules are serrated and it is next to impossible to break them. The guides are snake pattern except the first, which is agate, as are the tops. The grip is solid cork shaped to fit the hand. Furnished with a leather case, the two tips being first put up in a bamboo case.

No. **V.** 8½ feet, weight 4 to 4¾ ounces ...
No. **W.** 9 feet, weight 5 to 5¼ ounces.....
No. **X.** 9½ feet, weight about 5¾ ounces.....
No. **Z.** 10 feet, weight about 6¼ ounces..... } **$35.00**

THE FAIRCHILD TROUT ROD

This rod was originally designed and made for Hon. S. W. Fairchild, of New York. They are very light, at the same time powerful enough to kill large trout, and are ideal for dry fly fishing.

"Palakona" cane built with 2 tips, cork covered grip, suction joints. Snake guides with agate butt and end rings. Put up in bamboo case.

No. **F29.** 9 or 9½ feet, weighs from 4 to 5¼ ounces.. **$45.00**

THE "CHIEF" FLY OR BAIT ROD

Our "Chief" is a rod any fisherman will be proud of. It is made with the greatest care from six-strip bamboo in three pieces, butt, middle joint and tip, and is supplied with an extra tip. The "hang" is just right and the resiliency well worked out from tip to butt. All styles have agate first guides and agates at end of tips. The other guides are snake pattern on the fly rods and trumpet guides on the bait rods. Welted ferrules and hand made skeleton reel seats below the grip on fly pattern and above the hand on the bait style. Full German Silver mounting and shaped cork grip.

Fly Rods		Bait Rods		
No. **O1.**	7½ feet, weight 3½ oz.	No. **O7.**	6½ feet, weight 6 oz.	**$17.00**
No. **O2.**	8½ feet weight 4½ oz.	No. **O8.**	7½ feet, weight 7 oz.	
No. **O3.**	9½ feet, weight 5½ oz.	No. **O9.**	8½ feet, weight 8 oz.	

THE "VON" ROD

For those who want a good, well made rod at a medium price we heartily recommend the "Von." The action is quick and the balance excellent. It is hand wrapped six strip hexagonal bamboo of selected stock with German Silver mountings. Agate first guide and tops and shaped cork hand grasp, and put up in velvet covered forms, with leather ends and canvas bag.

Fly Rods		Bait Rods		
No. **1A.**	9 feet weight 5½ oz.	No. **4A.**	6½ feet, weight 6½ oz.	**$12.00**
No. **2A.**	9½ feet, weight 6½ oz.	No. **5A.**	8½ feet, weight 8 oz.	
No. **3A.**	10 feet, weight 7 oz.	No. **6A.**	10 feet. weight 10 oz	

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

Bird Houses That Will Attract Insectivorous Birds

and assist you in protecting the trees and crops against insect pests. Millions of dollars are spent every year spraying trees, cleaning their cavities, etc. In a recent article in one of our leading magazines it states that birds are the natural enemy of the injurious insects, and that each Warbler, Vireo, Oriole, Tanager, Thrush, is equivalent in its insect fighting capacity to a fair size spraying outfit and any quantity of germicide solutions. The Department of Agriculture estimates that each woodpecker is worth twenty dollars to this country This can be said of almost any one of the numerous tribes of insectivorous birds Year after year these birds are becoming more scarce, and the injurious insects have been multiplying at the ratio that the birds have been decreasing. Thus, in some sections, threatening the entire destruction of crops and serious injury to shade trees and shrubs.

In recent years we have come to appreciate that birds, such as the woodpecker, bluebird, martin, wren, chickadee, swallow, robin and others are of benefit to the farmer, and so laws have been framed for their protection. It is estimated that if all of our birds were suddenly destroyed, that at the end of nine years insect life would completely rid the earth of all vegetation. Birds have diminished in number and some species have become extinct The march of civilization has destroyed the haunts of millions of our birds and it is an absolute necessity that we provide homes for the rearing of their broods.

The majority of our birds welcome a home, built and erected to suit their requirements. It is a fixed duty, and should be the pleasure of every citizen to do all in his or her power to protect these valuable creatures.

Erect bird houses and feeding devices, trap the pugnacious, destructive English sparrow, who is constantly at war with our insectivorous birds English sparrows are largely vegetarians and destroy grain, fruit, peas, beans, and other vegetables. Their incessant chattering, quarrelsome disposition is familiar to us all. Our United States Department of Agriculture instructs us to destroy English sparrows and lessen the enormous loss caused by them annually.

Birds give life and animation to your surroundings. We all love the trees, and value the crops. Therefore, let us endeavor to aid all insect-eating animals, and in so doing, help those that are of benefit to us. Will you not be glad to acknowledge your responsibility along this line, and meet it?

We show on this and the following pages homes for birds built on scientific plans and specifications to meet the taste of nearly all of the above described birds.

PRICES EACH

COLONIAL MARTIN HOUSE

Contains 56 rooms, every room accessible, easily cleaned and perfectly ventilated. This house is securely fastened together by 4 through bolts. All interior joints are mortised, making this house very substantial. Painted pure white with green trimmings and copper covered roof. Locate house in the open, away from trees. Detailed directions for erection will be sent to purchaser. Size, 37x44x39 inches.

Price, including easy raising pole...$149.75

GAMBREL MARTIN HOUSE

Contains 46 rooms, every room accessible, easily cleaned and perfectly ventilated. This house is securely fastened together by 4 through bolts. All interior joints are mortised, making this house very substantial. Painted pure white with green trimmings and copper covered roof. Locate house in the open, away from trees. Detailed directions for erection will be sent to purchaser. Size, 33x40x34 inches.

Price, including easy raising pole...$104.20

HOME MARTIN HOUSE

Contains 28 rooms, easily cleaned and substantially built, painted white with red roof and green trimmings, no fastenings of any kind required for erection. Detailed directions sent with each house. Size, 25x29x29 inches.

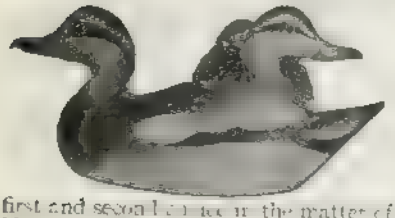
Price, without pole $26.05

For copper covered roof, add..... 5.25

Easy raising pole for this house.... 13.00

DUCK, PLOVER AND CROW DECOYS

WOOD DUCK DECOYS



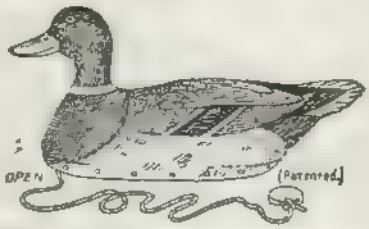
Our "Challenge" decoys are all made of selected wood painted in most natural colors, and are excellent imitations of the "real thing." Made in the following varieties: Mallard, Black Mallard, Red Head, Blue Bill, Blue Wing Teal, Steel Drake, Canvas Back. Sold only in dozen lots, 8 males and 4 females. For about ... we suggest spring kinds to give us first and second choice in the matter of species wanted.

No. 1. "Challenge" Model, best quality with glass eyes ..... Doz. **$7 50**
No. 2. "Detroit" Model, fair quality with tack eyes ..... Doz. **5 00**

FITTINGS FOR DUCK DECOYS

	Doz.		Doz.
No. 11. Weedless Cone Shaped Anchors	$1 20	No. 14. Rubber Loops for Anchor Cord	$ 30
No. 12. Oval Bar Anchors	90	No. 15. Screw Eyes for Anchors	10
No. 13. Oval Bar Weights, extra heavy	1 30	No. 16. Anchor Cord	30

FOLDING CANVAS DUCK DECOYS



The chief advantage of these folding decoys is their light weight and the fact that when folded they occupy very little space and can be easily carried. They are made of waterproof canvas and in appearance are most life-like. They are not pneumatic and therefore if struck by a gun shot no damage is done. The frame which holds the decoys in shape is wire and is automatic in operation. Always float right side up no matter how rolled, thrown or in the water. As there are no delicate parts to get out of order, they will give long service. Mallard carried in stock.

No. RD. Duck decoys complete with cords and anchors, packed 1 doz. in a box, 6 males, 6 females, per doz. **$7 75**

FOLDING TIN PLOVER DECOYS

These decoys are made of two metal parts or sections which when folded together make the exact form of the bird. Are nicely painted, both sides, and natural. Easily set up. Folded into a flat form they occupy very little space, measuring only 10 in. x 9 in. x 2½ in. Stakes or mounts are provided with each lot. Not sold in less than dozen lots.

No. 5. Plover ..... Doz. **$4 00**
No. 6. Yellow Legs ..... Doz. **4 00**

CROW DECOYS

These crow decoys are made of paper, are hollow, full-shaped, and waterproofed. They are correct in every detail, natural in appearance, glass eyes and sealing wax for legs. Packed one dozen in crate, weighing about 24 lbs. gross.

No. 23. Crow Decoys ..... Each **$ 40** Doz. **$4 00**

Railroad Spikes.

Write for Market Prices.

STANDARD

Wrought.

	Per 100 Pounds
in., Square, Length 5½ in.	$

SMALL

	Add to Base
½ in., Square, Length 4, 4½ and 5 in.	$0.10
in., Square, Length 3½ in.	.20
⅜ in., Square, Length 3 in.	.30
⅜ in., Square, Length 2½ in.	.40

Two Hundred Pounds in a Keg

REVERSE POINT

Wrought.

	Add to Base
⅝ in., Square, Length 3 in.	$0.55

Two Hundred Pounds in a Keg.

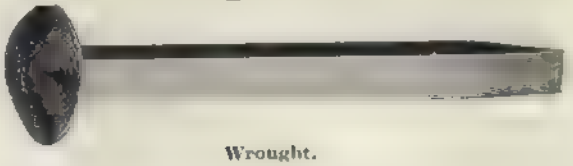
Street Railway Spikes.

Wrought.

	Add to Base
in., Square, Length 4½ in.	$0.20

Two Hundred Pounds in a Keg

Barge Spikes.

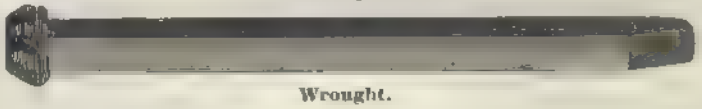


Wrought.

	Add to Base
in., Square, Length 3½ in.	$0.70

Two Hundred Pounds in a Keg

Boat Spikes.



Wrought.

	Add to Base
in. Square, Lengths 4, 5, 6 and 7 in.	$0.75
in., Square, Lengths 4½, 5, 5½ and 6 in.	.45
in., Square, Lengths 5, 6, 7, 8, 9 and 10 in.	.30
in., Square, Lengths 8 and 9 in.	.20
in., Square, Lengths 7, 8, 9, 10 and 12 in.	.15

Two Hundred Pounds in a Keg

First Basemen's Mitts.

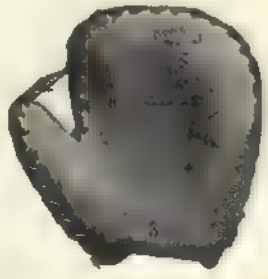
REACH

Per Dozen

No. 3BG—Professional New Hold Fast Model, Specially Tanned Calfskin Leather, Adjustable at the Thumb and the Body of Mitt Through a Strap and Buckle. Patent Asbestos Hinged Pad, Leather Laced, New Hold Fast at Wrist...$93 50

Per Dozen

No. kB—Professional Graball Model, Specially Tanned Reaco Buckskin, King Patent Lacing, Adjustable Padding Absolutely Secure Against Breaking or Shifting, Patent Asbestos Hinge Pad, Strap and Buckle at Wrist $93 50



Per Dozen

No. 3—Special, Hinge Model, Patent Leather Laced, Drab "Reaco" Buckskin, Hinged Asbestos Felt Hand Formed Pad, Adjustable Leather Strap Joining Thumb and Body, Forming a Deep Pocket, Strap and Buckle at Wrist $73.30

Per Dozen

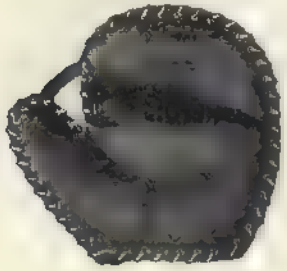
No. 4S—Special, Hinge Model, Patent Leather Laced Brown "Reaco" Calfskin Hinged Asbestos Felt Hand Formed Pad, Adjustable Leather Strap Joining Thumb and Body, Forming a Deep Pocket, Strap and Buckle at Wrist $73 30

Per Dozen

No. 4P—Special, Hinge Model, Patent Leather Laced, Black "Reaco" Calfskin, Hinged Asbestos Felt Hand Formed Pad, Adjustable Leather Strap, Joining Thumb and Body, Forming a Deep Pocket, Strap and Buckle at Wrist $73.30

Per Dozen

No. D—Professional, Hinge Model, Leather Laced all Around, Drab "Reaco" Buckskin, Hinged Asbestos Felt Hand Formed Pad, Adjustable Leather Strap Joining Thumb and Body, Forming a Deep Pocket, Strap and Buckle at Wrist.....$73 30



Per Dozen

No. C—Professional, Hinge Model, Leather Laced all Around, Brown "Reaco" Calfskin, Hinged Asbestos Felt Hand Formed Pad, Adjustable Leather Strap Joining Thumb and Body, Forming a Deep Pocket, Strap and Buckle at Wrist..$73.30

Per Dozen

No. 3B—Leather Laced, New Hinged Thumb Model, Brown "Reaco" Calfskin, Fits Hand Like a Glove, Patent Laced Thumb, Inside Hump, Deep Pocket, Strap and Buckle at Wrist.....$73.30

Per Dozen

No. BF—Special, Full Leather Laced, Brown "Reaco" Calfskin, Large Model, Well Padded in Heel, Patent Laced Thumb, Inside Hump, Deep Pocket, Strap and Buckle at Wrist.....$62.25

One-twelfth Dozen in a Box.

First Basemen's Mitts.

REACH

Per Dozen

No. 4L—Shutter, Hinge Model, Leather Laced all Around, Olive "Reaco" Calfskin, Brown Binding, Hinged Asbestos Felt Hand Formed Pad, Inside Hump, Deep Pocket, Strap and Buckle at Wrist $56.00

Per Dozen

No. 44—Special, Hinge Model, Leather Laced, Specially Tanned Olive "Reaco" Calfskin, All Ready for Use, Best Asbestos Felt Padding, Patent Laced Thumb, Inside Hump, Deep Pocket, Strap and Buckle at Wrist.....$58 80

Per Dozen

No. 4B—Leather Laced, New Hinged Thumb Model, Dark Brown Calfskin Face, Brown Tan Leather Back, Red Leather Binding, Best Asbestos Felt Padding, Inside Hump, Deep Pocket, Strap and Buckle at Wrist $44.50

Per Dozen

No. 4R—Leather Laced, Selected Pearl Colored Calfskin of Just the Right Weight for a Mitt of this Character, Best Asbestos Felt Padding, Laced Thumb, Inside Hump Deep Pocket, Strap and Buckle at Wrist.....$44 50

Per Dozen

No. R—Grabber, Hinge Model, Leather Laced, Heavy Mouse Colored Calfskin Face, Buckskin Finish, Brown Tan Leather Back and Lining, Hinged Asbestos Felt Hand Formed Pad, Laced Thumb, Inside Hump, Deep Pocket, Strap and Buckle at Wrist $36 65

Per Dozen

No. RN—Grabber, Hinge Model, Leather Laced, Black Calfskin Face, Black Tan Leather Back and Lining, Brown Binding, Hinged Asbestos Felt Hand Formed Pad, Laced Thumb, Inside Hump, Deep Pocket, Strap and Buckle at Wrist. . $35.60

Per Dozen

No. 2R—Leather Laced, Fine Brown Tan Leather, White Binding, Best Asbestos Felt Padding, Laced Thumb, Inside Hump, Deep Pocket, Strap and Buckle at Wrist $26.65

Per Dozen

No. 2RN—Leather Laced, Fine Black Tan Leather, Wine Binding, Best Asbestos Felt Padding, Laced Thumb, Inside Hump, Deep Pocket, Strap and Buckle at Wrist $26.65

Per Dozen

No. 3R—Boys', Laced, Craven Tan Leather, White Binding, Asbestos Felt Padding, Laced Thumb, Inside Hump, Deep Pocket, with Lacer to Hold Mitt on Hand..... $17.80

No. 3RN—Same Description as No. 3R, but Black Tan Leather 17.80

One-twelfth Dozen in a Box

NOTE—We Carry in Stock the Following Numbers in Right Hand: Nos. 4L, 44, R, RN, 2R and 3R.

Fielders' Gloves.

REACH

Per Dozen

No. GA—Professional, Graball Model, Specially Tanned "Reaco" Leather, King Patent Lacing and Adjustable Padding, Leather Lined and Welted Web Thumb.....**$86.70**

Per Dozen

No. BRG—Professional, Specially Tanned "Reaco" Leather, Leather Lined, Web Thumb, Requires no Breaking in **$71.15**

Per Dozen

No. BR—Professional, Finest Selected Drab "Reaco" Buckskin, Leather Lined, Medium Length Fingers, Medium Padding in Heel and Fingers, Light Padding in Center of Palm, Web Thumb **$69 25**

Per Dozen

No. G—Professional, Finest Selected Drab "Reaco" Buckskin, Leather Lined, Short Fingers, Extra Heavy Padding in Heel and Fingers, Medium Pattern in Center of Palm, Web Thumb.....**$69 25**

Per Dozen

No. W—Professional, Finest Selected Drab "Reaco" Buckskin, Leather Lined, Full Length Fingers, Lightly Padded Throughout, Web Thumb **$69.25**

Per Dozen

No. KG—Professional, Finest Selected Drab "Reaco" Buckskin, **King Patent Lacing,** Adjustable Padding, Web Thumb **$69.25**

Per Dozen

No. OBN—Special, Black "Reaco" Calfskin, Specially Made Felt Padding, Leather Lined, Web Thumb.....**$62 25**

Per Dozen

No. OBL—Special, Drab "Reaco" Buckskin, Specially Made Felt Padding, Leather Lined, Web Thumb.....**$62 25**

Per Dozen

No. 02—Special, Brown "Reaco Calfskin, Highest Quality Felt Padding, Full Leather Lined, Black Welt and Binding, Heavy Padding in Heel and Little Finger Web Thumb **$53 30**

No 05

Per Dozen

No. 05—Special, Mouse Colored Buckskin, King Patent Lacing, Adjustable Padding, White Welt and Binding, Web Thumb...**$56.00**

No 01

Per Dozen

No. 01—Special, Olive "Reaco Calfskin, Highest Quality Felt Padding, Full Leather Lined, Brown Welt and Binding, Web Thumb...**$53 30**

One-twelfth Dozen in a Box.

NOTE—We Carry in Stock the Following Numbers in Right Hand: Nos. OBL, OBN, 05 and 01.

Fielders' Mitts.

REACH

No CF

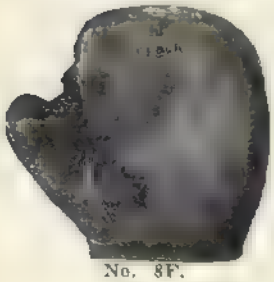
Per Dozen

No. CF—Special, Hinge Thumb Model, Brown "Reaco" Calfskin, Welted, Best Asbestos Felt Padding, Patent Web Thumb Deep Pocket, Strap and Buckle at Wrist $53 30

No. 6F.

Per Dozen

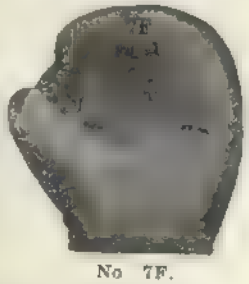
No. 6F—Hinged Thumb Model, Olive "Reaco" Calfskin, Welted, Best Asbestos Felt Padding, Patent Web Thumb, Deep Pocket, Strap and Buckle at Wrist.... $35 00



No. 8F.

Per Dozen

No. 8F—Hinge Thumb Model, Fine Brown Tan Leather, Welted, Best Asbestos Felt Padding, Patent Web Thumb, Deep Pocket, Strap and Buckle at Wrist $20 65



No 7F.

Per Dozen

No. 7F—Hinge Thumb Model, Fine Pearl Colored Leather, Best Asbestos Felt Padding, Patent Web Thumb, Deep Pocket, Strap and Buckle at Wrist $18 70

One-twelfth Dozen in a Box

Per Dozen

No. 7N—Fine Black Tan Leather, Best Felt Padding, Patent Laced Thumb, Deep Pocket, Strap and Buckle at Wrist $17.80

One-twelfth Dozen in a Box

Per Dozen

No. 7S—Combination Basemen's and Fielders' Model, Finest Brown Tan Leather, Well Padded, Patent Laced Thumb, Deep Pocket, Strap and Buckle at Wrist.....$13 35

One-quarter Dozen in a Box

Per Dozen

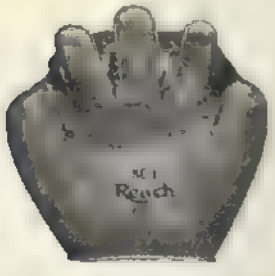
No. 7B—Combination Basemen's and Fielders' Model, Pearl Colored Sheepskin, Perspiration Proof Lining, Well Padded Laced Thumb, Deep Pocket $8 90

One-quarter Dozen in a Box.

NOTE—We Carry in Stock the Following Numbers in Right Hand: Nos 8F, 7S and 7B

Fielders' Gloves.

REACH AMBIDEXTROUS



Can be used on either Right or Left Hand Are a necessity to every ball team, as they enable it to equip an extra player whether he is right or left handed

Per Dozen

No. 8C3—Olive "Reaco" Calfskin, **Full Leather Lined, Padded** with High Grade Felt 37.35
No. 8C—Drab "Reaco" Buckskin, **Full Leather Lined,** Padded with High Grade Felt. 46.65
No. 8CN -Black "Reaco" Leather, **Full Leather Lined,** Padded with High Grade Felt 37 35
No. 8CX—Craven Tan Leather, **Full Leather Lined, Padded** with High Grade Felt. 28.00

One-twelfth Dozen in a Box.

Base Ball Bats.

"REACH BURLEY" PROFESSIONAL

Highest Grade Selected Second Growth Straight Grained Air Dried White Ash, Specially Finished and Nicely Balanced, Hand Turned.

Per Dozen

No. 13–0—Dark Brown Finish, Plain Handle, Assorted Lengths, Weights and Models.....$17.25

Per Dozen

No. 12–0—Hand Rubbed Dead Oil Finish, Special Taped Handle, Assorted Lengths, Weights and Models $17.25

Per Dozen

No. 11–0—Dark Brown Spotted Burnt Finish, Special Polish, Assorted Lengths, Weights and Models $17.25

Per Dozen

No. 10–0 Hand Rubbed Dead Oil Finish, Plain Handle, Assorted Lengths, Weights and Models $17.25

Per Dozen

No. 9–0—New Flame Burnt, Highly Polished, Special Taped Handle, Assorted Lengths, Weights and Models $17.25

Per Dozen

No. 8–0—Special White Finish, High Polish, Plain Handle, Assorted Lengths, Weights and Models $17.25

Per Dozen

No 7–0—Spotted Burnt Snappy Yellow Finish, Assorted Lengths, Weights and Models.....$17.25

Per Dozen

No 6–0 Dark Brown Special Finish, Highly Polished, Assorted Lengths, Weights and Models....$17.25

Per Dozen

No. 5–0—Natural Yellow Finish, Highly Polished, Taped Handle, Assorted Lengths, Weights and Models $16.75

Per Dozen

No. 4–0—Natural Yellow Finish, Highly Polished, Plain Handle, Assorted Lengths, Weights and Models $16.15

All Above, One Dozen in a Crate

REACH

High Grade Second Growth White Ash.

Per Dozen

No. 3–0—Special, Dark Brown Finish, Taped Handle, Assorted Lengths, Weights and Models....$13.35

Per Dozen

No. 2–0—Boy's Burley, Dark Brown Finish, Taped Handle, Assorted Lengths and Weights....$8.90

Selected Second Growth White Ash.

Per Dozen

No. 1–0—League, Natural Finish Taped Handle, Assorted Lengths and Weights.....$8.90

Made of Willow, Used for Batting Practice.

Per Dozen

No. 79—Fungo, Natural Yellow Finish, Dark Brown Tip, Assorted Lengths and Weights $8.90

High Quality Ash, Perfect Balance.

Per Dozen

No. 80—Mushroom, Dark Brown Finish, Assorted Lengths and Weights $8 90

Extra Quality White Ash.

Per Dozen

No. 81—Professional, Spotted Burnt Finish, Assorted Lengths and Weights.....$8 35

Good Quality Ash.

Per Dozen

No. 82—Heavy Hitter, Special Yellow Finish, Assorted Lengths and Weights.....$4.50

Good Quality White Ash, Red Band Trade Mark.

Per Dozen

No. 83—Boy's Red Band, Antique Finish, Lengths 31 to 32 in.....$4 50

All Above, One Dozen in a Crate

Good Quality White Ash.

Per Dozen

No. 83R—School League, Spotted Burnt Finish, Lengths 31 to 32 in.....$4 50

One Dozen in a Crate

Per Dozen

No. 87—Boys' League, Ash, Special Green Finish, Length 30 in.....$2.00

No. 5—Juvenile, White Wood, Natural Finish, Assorted Lengths 1.00

Three Dozen in a Crate

Balls.

PICNIC BALLS

Goldsmith's.

	Per Dozen
No. 26—11½ in., Sheepskin Cover, a Soft and Ideal Ball for Boys and Girls	$4.50

Boys'.

	Per Dozen
No. 2—9¾ in. Circumference, Sheepskin Cover, Soft Ball for Boys and Girls	$1.80

One Dozen in a Box.

PENNANT BALLS

INFLATED RUBBER, White Embossed Surface, Raised Color Design.

	Per Dozen
Pennant—2⅜ in., Made with the Following Names Wisconsin, Illinois, Iowa, Minnesota and Michigan	$2 00

One Dozen in a Box.

INFLATED RUBBER BALLS

Superior Compound, Smooth Buffed Surface, Heavy Wall.

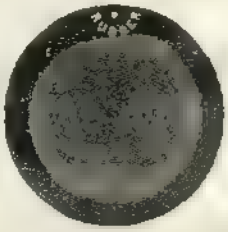
White.	Per Dozen
No. 105—1⅝ in. Diameter	$0 90
No. 127 2⅜ in. Diameter	1.70

Terra Cotta.

	Per Dozen
No. 205—1⅝ in. Diameter	$1 00
No. 227—2⅜ in. Diameter	1.90

One Dozen in a Box

SOLID RUBBER BALLS



Solid.

Nos.	5	10	15
Diam., Inches	1½	1⅝	1¾
Per Dozen	$0.70	80	1 00

Nos.	20	25
Diam., Inches	1⅞	2
Per Dozen	$1.10	1.35

One Dozen in a Box

Uniform Bags.

No FF.

For Base Ball Players, Bicycle Riders, Tennis Players and Athletes Generally.

	Each
No. F—Brown Canvas	$ 5.00
No. FF—Brown Leather	10.00
No. FFF—Brown Canvas Slightly Smaller and of Lighter Material than No. F	2.50

The convenient packing of Uniforms in a manner that will not wrinkle and soil same, and to be easily carried, is an important item to every player. The A. J. Reach Co. have designed a roll or bag which answers all requirements. It is substantially made, very durable, and has separate compartments for shoes, etc.

Bat Bags.

REACH

Club.

	Each
No. BB1—Extra Heavy Brown Canvas, Leather Trimmings to Match, Extra Strong, Holds 12 Bats	$5.60
No. BB3—Extra Heavy Brown Canvas, Leather Trimmings to Match, Extra Strong, Holds 6 Bats	4.15

Individual.

	Each
No. BB5—Heavy Brown Canvas, Capped at Both Ends with Leather to Match, Holds 2 Bats	$2.60

Individual.

	Each
No. BB2—Fine Russet Bag Leather, Endorsed by Leading Players, Holds 2 Bats	$6.15
No. BB4—Fine Brown Tan Leather, Well Made, Holds 2 Bats	3 15

Individual.

	Each
No. BB6—Heavy Brown Canvas, Capped at One End with Leather to Match, Holds 2 Bats	$2 15
No. BB7 Khaki Canvas, Leather Trimmings, Holds 2 Bats	1.60

Basket Balls.

REACH

Per Dozen

No. 2—Special, Selected Pebble Grain Sheepskin Leather, Eight Sections, Complete with Pure Para Rubber Bladder and Lace.. .. ..$53 30

Per Dozen

No. 2½—Scholastic, Fine Pebble Grain Sheepskin Leather, Eight Sections, Complete with Pure Para Rubber Bladder and Lace $44 40

Per Dozen

No. 3—Practice, Fine Brown Grain Sheepskin Leather, Capped Ends, Complete with Pure Para Rubber Bladder and Lace. .. . $36.00

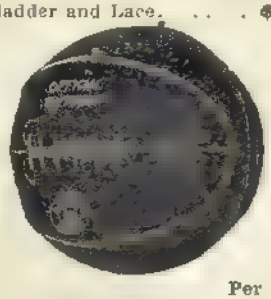
Per Dozen

No. 4—Youth's, Boys' Size, Brown Sheepskin, Canvas Lined, Button Ends, Complete with Pure Para Rubber Bladder and Lace.....$28.00

Per Dozen

No. 1X—Official Outdoor, Selected Tuf-Ide Leather, Outside Seams, Complete with Pure Para Rubber Bladder, Lacing Needle and Leather Lace $119.90

No. 1½X—Regulation Outdoor, Pebble Grain Cowhide Leather, Specially Designed Pattern, Otherwise Same as No. 1X 75 95



Per Dozen

No. 2X—Special Outdoor, Selected Pebble Grain Sheepskin Leather, Eight Sections, Outside Seams, Complete with Pure Rubber Bladder and Lace $53 30

No. 3X—Practice Outdoor, Brown Grain Sheepskin, Otherwise Same as No. 2X.. 37.80

Basket Ball Goals.

REACH

Wrought Iron.

Per Pair

No. 6 — 6 in. Extension Bracket, with Nets, Weight Per Pair About 17 Lbs.....$6 70
No. 12 —12 in Extension Bracket, with Nets, Weight Per Pair About 19 Lbs..... 6.70
No. 6P— 6 in. Extension Bracket, Special Practice Goals, with Nets, Weight Per Pair About 14 Lbs 5.00
Extra Nets 75

No. 6 Goal is adapted to Y M C A and Lady Basket Ball Teams The No 12 Goal is used and adopted by all Leading Professional Clubs throughout the Country

When Ordering, be Sure to Mention the Number of Goal.

Basket Ball Bladders.

REACH

Nos. 0H and 0A.

No. 5B.

Pure Para Rubber, Thoroughly Tested.

Per Dozen

No. 0H—Four Piece, for Basket Balls, Nos. 0 and 0X $22 25
No. 0A—Four Piece, for Basket Balls Nos. 1, 1X, 1½ and 1½X..... 17 80
No. 5B—Two Piece, for Basket Balls Nos. 2, 2½, 3, 2X, 3X and 4 ..... 13 35

BUCKSKIN

Per Dozen

No. 1 Small Size, Seamless Rubber, White Lined, Maroon Finish, Top Stem.....$13.35
No. 2—Medium Size, Seamless Rubber, White Lined, Maroon Finish, Top Stem 16 10

Average Weight Per Dozen About 1⅓ Pounds.

We can furnish Reach Catalogs containing the Resale Prices on the above items.

Basket Ball Guides.

REACH

Each

Basket Ball Guide—Contains Photographs of All Leading Clubs Throughout the United States with Complete Records, New Rules and Full Instructions How to Score..... $0 16
Weight Each About ⅛ Pound

Leather Lace.

Per Dozen

Leather Lace—Rawhide, for Lacing..... $0 80

Indoor Base Balls.

REACH

Official, Finest Curled Hair, Best Horsehide Cover.

Nos.	112	114	115	116	117
Size, Inches	12	14	15	16	17
Weight, Oz.	5–5⅛	7–7⅛	7⅛–8	7⅝–8¼	8–8½
Per Dozen	$18.65	18 65	18 65	18.65	18.65

Match, Finest Quality Curled Hair, Best Sheepskin Cover.

Nos.	212	214	215	216	217
Size, Inches	12	14	15	16	17
Per Dozen	$14.65	14.65	14 65	14.65	14.65

Indoor Base Ball Guide.

Each

Indoor Base Ball Guide..... $0 16

Medicine Balls.

Finest Grain Calfskin, Well Stuffed and Sewed, Extra Strong.

Each

No. 6M —42 in., Weight 9 Lbs..... $12.20
No. 5M —36 in., Weight 6 Lbs..... 8.90
No. 4M —30 in., Weight 4 Lbs..... 7 80
No. 3½M—25 in., Weight 2½ Lbs..... 6 10

Made of Fine Buck Dressed Leather, Well Stuffed and Sewed, Extra Strong.

Each

No. 3M—42 in., Weight 9 Lbs..... $7 80
No. 2M—36 in., Weight 6 Lbs..... 6.10
No. 1M—30 in., Weight 4 Lbs..... 4.45
No. 0M—25 in., Weight 2½ Lbs..... 3.90

The Exercise consists of throwing the ball to one another. The catching of it develops the chest, exercises the back, arms and legs; in fact is beneficial to the whole system. Any number can exercise with it at the same time

Basket Ball Score Books.

REACH

Each

Official Basket Ball Score Book—Cloth Cover, for 25 Games..... $0 45
Weight Each About ⅛ Pound

Lacing Needles.

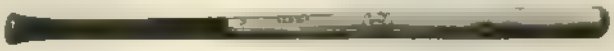
Per Dozen

No. 1—For Lacing Basket Balls, Foot Balls, Striking Bags, Etc..... $0 68

Wood Handle. Per Dozen

No. 2—For Lacing Basket Balls, Foot Balls, Striking Bags, Etc..... $1 80

Indoor Bats.



Per Dozen

No. 0—Regulation, Selected Ash, Burnt and Burnished, Taped Handle..... $8 00
No. 2 Selected Ash, Burnt and Burnished, Not Taped . 7 25
No. 3—Ash, Plain Handle..... 4 45
Weight Per Dozen About 15 Pounds.

Indoor Bases.

Per Set

No. 1—Reach, Heavy 10 Oz Duck, Extra Well Sewed..$4.45
No. 2—Reach, Heavy 8 Oz Duck, Extra Well Sewed.. 3.35
Three Bases to a Set

Indoor Home Plates.

Each

No. 3—Reach, 12x12 in., Fine Corrugated Rubber.....$1.35

Indoor Body Protectors.

Each

No. 2P—Reach, Canvas, Well Padded.....$2 45

Volley Balls.

Per Dozen

No. 10W — Regulation Size, Best Brown Grain Calf skin, Complete with Pure Para Rubber Bladder...$78.25
No. 15W — Regulation Size, Finest Brown Tan Leather, Complete with Pure Para Rubber Bladder.. 58 30
No. 20W — Regulation Size, Best White Grain Sheepskin, Complete with Pure Para Rubber Bladder... 44.40

Per Dozen

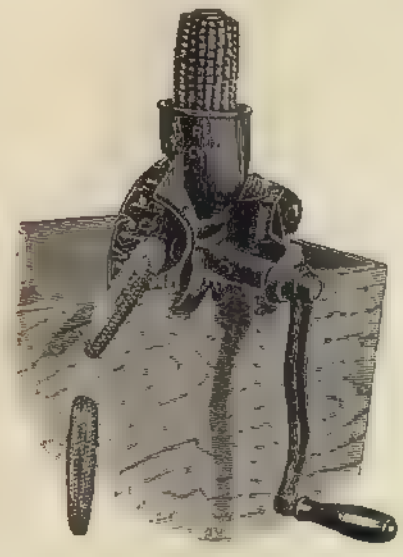
No. 30W—Regulation Size, Heavy White Canvas, Complete with Pure Para Rubber Bladder..... 33.30
No. 40W—Regulation Size, Fine Craven Tan Leather, Complete with Pure Para Rubber Bladder.. 37 30
No. 5B —Extra Bladders, for Nos. 10W, 15W, 20W, 30W and 40W Volley Balls..... 13 35

This is a new game which can be played out of doors as well as in the gymnasium. Any number of persons can play the game. The play consists of keeping the ball in motion over a high net from one side to the other. Volley Ball has been adopted by the playground associations and school boards as a good game for the boys and girls
Average Weight Each About 1½ Pounds

We can furnish Reach Catalogs containing the Resale Prices on the above items.

CORN SHELLERS

RED CHIEF



Per Dozen

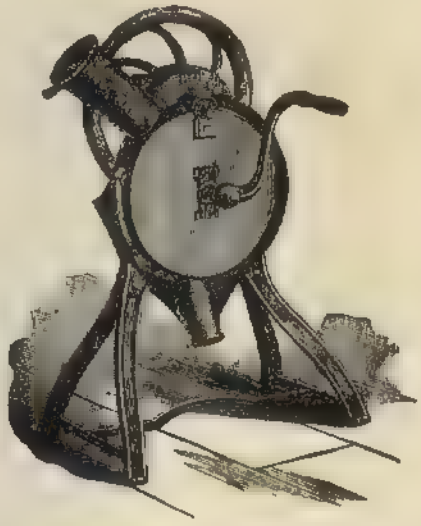
Red Chief—Japanned Malleable Iron, Cold Rolled Steel Axle with 4½ in. Bearing on Hub Preventing Rapid Wear, Oval Shaped Teeth, Capacity 8 to 12 Bushels Per Hour.....$25.00

The oval shaped teeth go between the rows of grain and press them off without bruising or cracking the grain. The tooth wheel expands with the ear of corn as it goes through the machine and adjusts itself to any size ear

It throws the cobs outside every time, no matter whether used on box or barrel bolts on barrel or any round vessel as easily as on a box

Weight Per Dozen 140 Pounds

BURRALL



Each

Burrall—All Iron, Painted Green, Capacity 10 Bushels Per Hour, Cold Rolled Steel Shaft...$.....

Well braced. The feed spout is adjustable for large or small ears of corn

Weight Each 145 Pounds

CHICOPEE

Each

Chicopee—Hardwood Frame, Well Mortised and Neatly Painted, Heavy Fly Wheel, with Cold Rolled Steel Shaft, Smooth Running Large Hopper, Adjustable to Shell All Sizes of Ears, with Separator and Chaff Sieve.....$8.75

The separator on the front of the machine separates the ears from the shelled corn. The chaff sieve assists in screening the corn which passes out through the small spout at the top.

Weight Each 125 Pounds

RIGHT HAND

Each

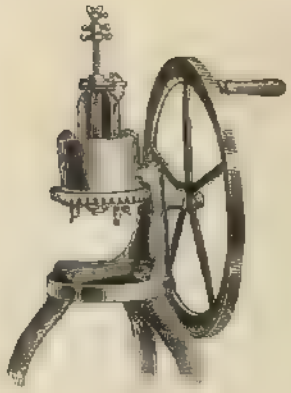
No. A—Hardwood Frame, Well Mortised and Neatly Painted, Good Weight Balance Wheel, Cold Rolled Steel Shaft, Smooth Running, Large Hopper, Adjustable to Shell All Sizes of Ears..$8.75

The cob is separated from the corn and passes through the opening on side of sheller.

Weight Each 125 Pounds

BONE CUTTERS

IMPROVED MANN'S PATTERN



No. 5BM

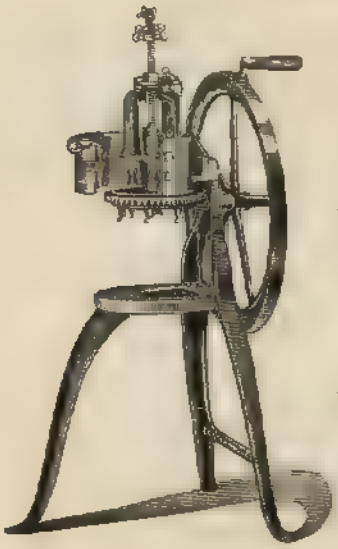
The improved automatic feed is used on all Improved Mann's Pattern Bone Cutters

This feed mechanism can be regulated by the turning of a wing nut at the top by hand, without the use of tools.

It can be set to feed slowly when cutting hard bone or fast for vegetables, etc. When the pressure gets too great the governors slip past each other, thereby stopping the feed until the knives have cut enough bone out of the hopper to reduce the pressure when it will start to feed again. It will stop feeding when the hopper is empty.

The follower cannot run down and come in contact with the cutters. It can be taken out of the hopper at any point by taking out the pin on the chain and opening the split nut.

Each machine is furnished with knife holder and knife gauge. Also directions for operating and illustrated price list of parts.



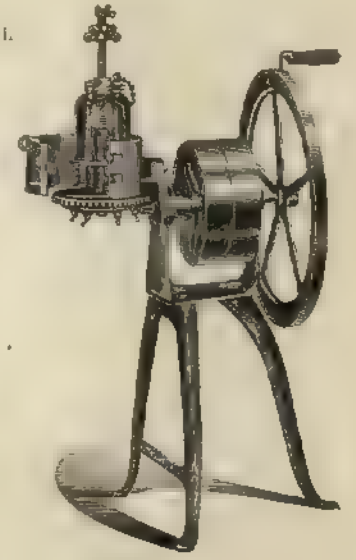
No. 7.

Each.

No. 5BM—6 in. Diameter Cylinder, 4 in. Deep, 4 Tempered Steel Knives, Large Heavy Balance Wheel, Improved Automatic Feed, Mounted on a Strong Stand with Shelf, Intended for Flocks up to 100 Hens, Weight Each Complete 85 Lbs. . . . . $

No. 7—7¼ in. Diameter Cylinder, 5¼ in. Deep, 6 Tempered Steel Knives, Capacity ½ to 1 Lb. Per Minute, Hinged Hopper, Strong Iron Stand with Hopper to Hold the Receptacle for Cut Bone, Heavy Balance Wheel, Can be Profitably Used for Flocks Up to 200 Hens, Weight Each Complete 110 Lbs . . . . . .

No. 7½—Same Size and Construction as No. 7, but may be Used for Either Hand or Power Use without Changing or Adjusting in Any Way, Complete with 11½x2½ in. Tight and Loose Pulleys, Should be Run at 300 Revolutions Per Minute to Obtain Best Results, Weight Each Complete 150 Lbs . . . . . .



No. 7½.

HAND GRINDING MILLS

These mills are fitted with force feed or worm to deliver the grain to the burrs automatically. They are equipped with adjusting wheel to gauge the quality of feed which can be locked in position after the desired fineness is secured.

They can be adjusted to merely crack corn as it is fed to large chickens or fine for mash for chicks or will grind corn sufficiently fine for table meal, also dry bones and oyster shells providing the pieces are not too large, in which event they can be readily broken by a stamper, an axe or some other available tool and placed in the hopper a few pieces at a time.

Each

No. 32—16 in. Diameter Fly Wheel, Capacity 1 to 2 Bushels Per Hour, Chemically Analyzed Special Metal Burrs, High Grade Castings, Nicely Painted. Weight Each 40 Lbs . . . . . $

The Newest and Most Popular Dolls

The fascinating styles that sell big and realize large profits for the dealer

No. N3973. Clown Doll, composition hands and head with white face and painted features, typical clown; two color costume with three pompoms in contrasting color and two color cap. Height 30 in. 3 dozen in case. Per dozen.. **12.00**
No. N3972. As above, height 25 inches. Per dozen..... **9.00**

No. N3975. Nurse, composition hands and head with well formed painted and tinted features, typical nurse costume with white cuffs, collar and large apron. Cap to match with red felt cross on cap and arm. Height 30 in. 3 dozen in case. Per dozen..... **12.00**

No. N3950. Sailor Boy Doll, composition head and hands, with well formed tinted and painted features, height 30 inches, well formed and stuffed body, dressed in typical blue sailor costume with white trimmings, blue sailor cap lettered U. S. N. White shoes and stockings. A large showy doll that will appeal and be desired by most everyone. 3 dozen in case. Per dozen **12.00**

No. N3982. Boy Scout Doll, composition hands and head with well formed tinted and painted features. Typical boy scout costume trimmed with gilt buttons. Gilt finished rifles on hat. Height 30 inches. 3 dozen in case.
Per dozen **12.00**

No. N3983. Scotch Doll, composition hands and head with tinted and painted features, typical Scotch costume, plaid kilts and sash, flannelette coat with gilt buttons, patent leather finish belt. Hat to match. Height 30 inches. 3 dozen in case.
Per dozen **12.00**

No. N3994. Jockey Doll, composition hands and head, well tinted features. Height 30 in. Well formed and stuffed body, dressed in typical jockey costume with assorted colored jackets and hand, white trousers, cap to match jacket with patent leather finished peak and white trimmings, patent leather finished boots with red tops. A fine appearing and very popular doll and a great favorite. 3 dozen in case. Per dozen..... **12.00**
No. N3992. As above. Height 25 inches Per dozen..... **9.00**

REGINA

VACUUM CLEANERS

Twelve Different Kinds

Electrically Operated — Hand Operated
Of the Highest Grade—Fully Guaranteed
Popular in Price — Good Profit to Dealers
Easily Sold — Make Satisfied Customers

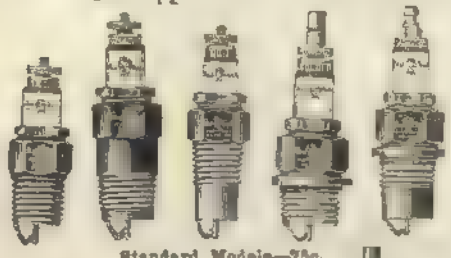
Send for Special Spring Proposition

THE REGINA COMPANY

49 W. 34th St., New York City 220 S. Wabash Ave., Chicago

Red Head

SPARK PLUGS



Standard Models—75c.

Special models for all the popular makes of cars—that is why Red Heads are the most efficient and the best sellers for Ford Overland, Maxwell, Reo, Studebaker, Mitchell, Chalmers, Buick, etc.

Puts the "Punch" into the Motor. Takes the "Kick" out of the Motor.

Guaranteed For ever—You can't lose.

Big Boy $1.00

Priming $1.25

Display Cabinet FREE

The Happy Family of Red Heads is a big family, but it is easy to tell one from the other and know which plug is best for the respective cars—the index on this display cabinet takes care of that. You can't make a mistake—you can't disappoint your customers.

You get one of these attractive Cabinets free of charge with your first order for a Display Cabinet Assortment of 50 or 100 Red Head Plugs.

With each Cabinet Assortment you will receive a variety of business-bringing signs and window display matter.

Write your regular jobber or direct

EMIL GROSSMAN MFG. CO., Inc., Bush Terminal Bldg. 20, Brooklyn (New York City)

Autoloading Rifles.

REMINGTON AUTOLOADING, MODEL 8

The Solid Breech which Guarantees Perfect Safety

Take Down, Hammerless.

Box Magazine, Solid Breech, Straight Grip, Plain Walnut Stock, Shot Gun Butt, Rubber Butt Plate, Blued Finish

		Each
No. 625	(Factory No. 8A), 25 Remington Autoloading Cartridge, 22 in. Round Barrel, 5 Shots, Weight About 7¾ Lbs.	$51.10
No. 630	(Factory No. 8A), 30 Remington Autoloading Cartridge, 22 in. Round Barrel, 5 Shots, Weight About 7¾ Lbs.	51.10
No. 632	(Factory No. 8A), 32 Remington Autoloading Cartridge, 22 in. Round Barrel, 5 Shots, Weight About 7¾ Lbs.	51.10
No. 635	(Factory No. 8A), 35 Remington Autoloading Cartridge, 22 in. Round Barrel, 5 Shots, Weight About 7¾ Lbs.	51.10

Note—Made with 22 in. Barrel Only

This Rifle has a Box Magazine and is loaded with a Clip, the same as Modern Military Arms. The Magazine can also be loaded without Clip and unlike other automatically loaded Rifles, the Magazine does not have a strong spring, thereby making it easy and quick to load either with or without Clip. The empty shells are ejected from top of receiver by a spring, throwing them out softly and surely. After the last Cartridge has been fired the Bolt remains open ready to receive another Clip.

The Breech is Locked by a Turning Bolt which Locks close up against the Head of the Cartridge and remains Locked until the Recoil is Spent. The Breech is then automatically unlocked, the Empty Shell is Ejected and the Gun Reloaded as in the latest designs of Military Rifles. It reduces the Liability of Breaking Shells which frequently occurs in a minor degree and gives great strength and security. Furthermore the Locked Breech allows the use of High Power Cartridges with perfect safety, and this advantage over the other automatically loaded Rifles in which the Breech Block is not Locked at all, is at once apparent.

One of the most attractive features of this Rifle is that it is so designed that the Magazine can be charged by use of a Cartridge Clip. Each Clip holds five Cartridges, and may be carried in the pocket, practically occupying no more space than the ammunition itself.

Cartridges in Clip

CLIPS

	Each
Extra Clips	$0 16

The Clip is filled by inserting each cartridge separately in either end of Clip, at the same time pressing spring to allow flange on sides of clip to intersect the groove in head of cartridge. The cartridges are slid into the clip until full. Three clips are supplied with each Rifle without charge.

REMINGTON AUTOLOADING, MODEL 8

Take Down, Hammerless.

Box Magazine, Solid Breech, Straight Grip, Fancy Checkered Walnut Stock and Fore-End, Handsomely Checkered, Beautiful Deep Scroll Hand Engraving on Receiver and Barrel, Rubber Butt Plate, Blued Finish, Gold Name Plate.

		Each
No. 6351	(Factory No. 8F), 35 Remington Autoloading Cartridge, 22 in. Ordnance Round Steel Barrel, 5 Shots, Weight About 7¾ Lbs.	$200.00

NEW REMINGTON AUTOLOADING, 22 CALIBER

Take Down, Hammerless.

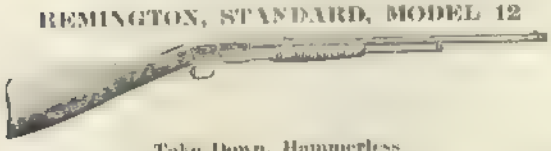
Tube Magazine, Solid Breech, Straight Grip, American Walnut Stock and Fore-End, Steel Rifle Butt Plate, Adjustable Straight Bar Rear Sight and White Metal Bead Front Sight.

		Each
No. 122	22 Remington Autoloading Rim Fire Cartridge; 22 in. Remington Round Steel Barrel, Magazine Holds 15 Cartridges, Weight About 5¾ Lbs.	

Price on Application.

Repeating Rifles.

REMINGTON, STANDARD, MODEL 12



Take Down, Hammerless.

Solid Breech, Side Ejector, Straight Grip, Walnut Stock, Rubber Butt Plate.

		Each
No. 1	(Factory No. 12A), 22 Caliber Short, Long and Long Rifle Rim Fire Cartridges, 24 in. Round Barrel, Weight About 4½ Lbs.	$19 45

Magazine holds Fifteen .22 Short, Twelve .22 Long or Eleven Long Rifle Cartridges.

REMINGTON, GALLERY SPECIAL, MODEL 12

Take Down, Hammerless.

Solid Breech, Side Ejector, Pistol Grip, Walnut Stock, Steel Rifle Butt Plate.

		Each
No. 2	(Factory No. 12B), 22 Caliber Short Rim Fire Cartridge, 24 in. Octagon Steel Barrel, Weight 5½ Lbs.	$23 90

Magazine holds Fifteen .22 Short Cartridges Only

Repeating Rifles.

REMINGTON, TARGET, MODEL 12

Take Down, Hammerless.

Solid Breech Side Ejector, Straight Grip, Walnut Stock, Steel Rifle Butt Plate.

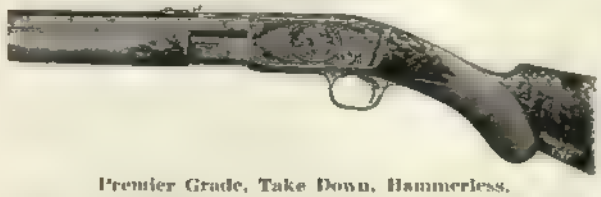
		Each
No. 3	(Factory No. 12C), 22 Caliber Short, Long and Long Rifle Rim Fire Cartridges, 24 in. Octagon Steel Barrel, Weight 5½ Lbs.	$23 90

Magazine Holds Fifteen .22 Short, Twelve .22 Long or Eleven .22 Long Rifle Cartridges.

		Each
No. 3HS	(Factory No. 12CS), .22 Winchester Rim Fire Cartridges, 24 in. Octagon Steel Barrel, Weight 5½ Lbs.	$23.90

Magazine Holds Nine .22 Winchester Rim Fire Cartridges.

REMINGTON, PREMIER, MODEL 12



Premier Grade, Take Down, Hammerless.

Solid Breech, Side Ejector, Full Pistol Grip, Finest Circassian Walnut, Elaborately Checkered Stock and Fore-Arm, Fancy Scroll and Border Hand Engraving on Barrel and Receiver, Steel Rifle Butt Plate.

		Each
No. 12F—	(Factory No. 12F), 22 Caliber Short, Long and Long Rifle Rim Fire Cartridges, 24 in. Octagon Steel Barrel, Weight 5½ Lbs.	$106.15

Magazine Holds Fifteen .22 Short, Twelve .22 Long or Eleven .22 Long Rifle Cartridges.

REMINGTON

Take Down, Hammerless.

Slide Action Repeating, Solid Breech, Straight Grip, American Walnut Stock, Shot Gun Style Rubber Butt Plate, Patented Quick Adjustable No. 1 Buckhorn Rear Sight, New Design Copper Bead Front Sight.

		Each
No. 738	—38-40 Caliber, 22 in. Ordnance Steel Barrel, 6 Shots, Weight About 6¾ Lbs.	$33.50
No. 744	—44-40 Caliber, 22 in. Ordnance Steel Barrel, 6 Shots, Weight About 6¾ Lbs.	33.50
No. 738R	—38-40 Caliber Carbine, 18½ in. Ordnance Steel Barrel, 6 Shots, Weight About 6 Lbs.	32 25
No. 744R	—44-40 Caliber Carbine, 18½ in. Ordnance Steel Barrel, 6 Shots, Weight About 6 Lbs.	32 25

REMINGTON, PEERLESS, MODEL 12

Peerless Grade, Take Down, Hammerless.

Solid Breech, Side Ejector, Full Pistol Grip, Selected Imported Walnut Checkered Stock and Fore-Arm, Fine Scroll and Border Hand Engraving, Steel Rifle Butt Plate.

		Each
No. 12D	(Factory No. 12D), 22 Caliber Short, Long and Long Rifle Rim Fire Cartridges, 24 in. Octagon Steel Barrel, Weight 5½ Lbs.	$63.60

Magazine Holds Fifteen .22 Short, Twelve .22 Long or Eleven .22 Long Rifle Cartridges.

REMINGTON, HIGH POWER

Take Down, Hammerless.

Pump Action High Power, Slide Action Repeating, Solid Breech, Half Pistol Grip, American Walnut Stock, Shot Gun Style Rubber Butt Plate, Patented Quick Adjustable No. 1 Buckhorn Rear Sight, New Design Copper Bead Front Sight.

		Each
No. 725—	25 Remington Caliber, 22 in. Ordnance Steel Barrel, 6 Shots, Weight About 6¾ Lbs.	$36.65
No. 730	30 Remington Caliber, 22 in. Ordnance Steel Barrel, 6 Shots, Weight About 6¾ Lbs.	36 65
No. 732—	32 Remington Caliber, 22 in. Ordnance Steel Barrel, 6 Shots, Weight About 6¾ Lbs.	36.65
No. 735—	35 Remington Caliber, 22 in. Ordnance Steel Barrel, 6 Shots, Weight About 6¾ Lbs	36 65

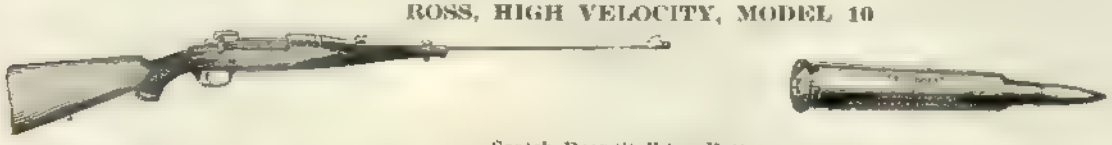
REMINGTON, HIGH POWER REPEATING CARBINES

Take Down, Hammerless.

Pump Action, High Power, Slide Action Repeating, Solid Breech, Straight Grip, American Walnut Stock, Carbine Steel Butt Plate, Patented Quick Adjustable Straight Bar Rear Sight, New Design Copper Bead Front Sight.

		Each
No. 725R	—25 Remington Caliber, 18½ in. Ordnance Steel Barrel, 6 Shots, Wt. About 6 Lbs.	$35 55
No. 730R—	30 Remington Caliber, 18½ in. Ordnance Steel Barrel, 6 Shots, Wt. About 6 Lbs.	35 55
No. 732R—	32 Remington Caliber, 18½ in. Ordnance Steel Barrel, 6 Shots, Wt. About 6 Lbs.	35.55
No. 735R—	35 Remington Caliber, 18½ in. Ordnance Steel Barrel, 6 Shots, Wt. About 6 Lbs.	35 55

ROSS, HIGH VELOCITY, MODEL 10



Scotch Deer-Stalking Pattern.

Straight Pull, High Velocity, Solid Breech, Full Checkered Pistol Grip, Selected Italian Walnut Stock, Ross Silver Bead Fore Sight, Single Leaf Rear Sight, Capacity of Magazine Four Cartridges.

		Each
No. M10—	.280 Caliber, 26 or 28 in. Steel Barrel, 4 Shots, Weight About 7 Lbs. 8 Oz.	$95 50

Note—In Ordering, be Sure to Specify Length of Barrel Desired.

		Per 100
.280 Caliber, Copper Tube Expanding Bullet Cartridges, for Use with No. M10 Ross Rifles.		$15 55
.280 Caliber, Hard Nose Target Cartridges, for Use with No. M10 Ross Rifles.		15 55

The muzzle velocity of the Ross Rifle is over 3,100 feet per second, the bore is .280

This Rifle embodies the greatest advance ever made at one step in increase of velocities. Experience shows that with the resulting flatness of trajectory it is unnecessary to judge the distance so long as you can see the animal clearly enough to aim at.

The killing power is very great, greater than any other sporting or military rifle known, the muzzle energy being in point of fact over 3,150 foot pounds. The largest deer drop to the shot or be otherwise anchored no matter where they are hit.

Single Barrel Repeating Shot Guns.

REMINGTON, MODEL 10

Standard Grade, Take Down, Hammerless.

Stock 13¾ in. Long by 2¾ in. at Heel and 1⅝ in. at Comb

Pump Action, Walnut Pistol Grip Stock and Fore-Arm, Barrel Choke Bored, Rubber Butt Plate, Matted Receiver. Chambered for 2¾ in. Shells. Holds 6 Shots.

		Each
No. 74	(Factory No. 10A), 12 Gauge, 28 in. Remington Fluid Steel Barrel, Blued Finish Full or Modified Choke Bored, Wt. About 7½ Lbs...	$43 85
No. 75	(Factory No. 10A), 12 Gauge, 30 and 32 in. Remington Fluid Steel Barrel, Blued Finish, Full or Modified Choke Bored, Weight About 7½ Lbs.....	43 85

Cut Shows Matted Rib Barrel

Standard Grade, Take Down, Hammerless, Solid Matted Rib.

Stock 13¾ in Long by 2¾ in. at Heel and 1⅝ in. at Comb

Pump Action, Walnut Pistol Grip Stock and Fore-Arm, Barrel Full Choke or Modified Choke Bored, Rubber Butt Plate, Raised Solid Matted Rib, Chambered for 2¾ in Shells, Holds 6 Shots

		Each
No. 75R	(Factory No. 10A), 12 Gauge, 30 and 32 in Remington Fluid Steel Barrel, Weight About 7½ Lbs.....	$58 75

Full Choke Barrel will always be sent unless otherwise ordered

Field Grade Take Down, Hammerless.

Stock 13¾ in. Long by 2¾ in. at Heel and 1⅝ in. at Comb

Pump Action, Walnut Pistol Grip Stock and Fore-Arm, Barrel Cylinder Bored, Rubber Butt Plate, Matted Receiver. Chambered for 2¾ in. Shells, Holds 6 Shots.

		Each
No. 76	(Factory No. 10A), 12 Gauge, 26 in. Remington Fluid Steel Barrel, Blued Finish, Weight About 7¼ Lbs.....	$43 85

Trap Special Grade, Take Down, Hammerless.

Stock 14 in. Long by 2 in. at Heel and 1½ in. at Comb

Pump Action, Selected American Walnut Straight Grip Stock, with Full Comb, Finely Checkered Stock and Fore-Arm, Rubber Butt Plate, Matted Barrel, Chambered for 2¾ in Shells. Holds 6 Shots

		Each
No. 77	(Factory No. 10S), 12 Gauge, 30 in. Remington Fluid Steel Barrel, Blued Finish, Weight About 7¾ Lbs.....	$63 70

Expert Grade, Take Down, Hammerless.

Stock 14 in. Long by 2 in. at Heel and 1½ in. at Comb.

Solid Breech, Pump Action, Choicest Imported Walnut Stock, Handsomely Hand Checkered Stock and Fore-Arm, Handsome Deep Scroll Hand Engraving with Panel on Left Side of Receiver, Rubber Butt Plate, Full Choke Bored, Automatic Ejector, Silver Name Plate, 6 Shots.

		Each
No. 79	(Factory No. 10E), 12 Gauge, 30 in. Remington Fluid Steel Barrel, Blued Finish, Weight About 7½ Lbs.....	$127 85

Premier Grade, Take Down, Hammerless.

Stock 13¾ in Long by 2¾ in. at Heel and 1⅝ in. at Comb

Solid Breech, Pump Action, Finest Circassian Walnut Stock, Handsomely Hand Checkered Stock and Fore-Arm, Beautiful Deep Scroll Hand Engraving on Receiver and Barrel, Game Panels, Rubber Butt Plate, Full Choke Bored, Automatic Ejector, Gold Name Plate, 6 Shots

		Each
No. 80	(Factory No. 10F), 12 Gauge, 30 in. Remington Fluid Steel Barrel, Blued Finish, Weight About 7½ Lbs.....	$190.40

Single Barrel Repeating Shot Guns.

WINCHESTER, MODEL 1912, HAMMERLESS.

12 GAUGE.

Stock 14¾ in. Long, 2½ in Drop at Heel, 1⅝ in Drop at Comb

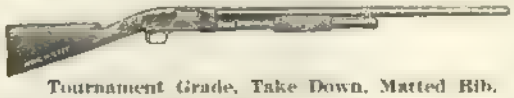
Side Ejecting, Plain Pistol Grip, Walnut Stock and Action Slide Handle, Rubber Butt Plate, Chambered for 2¾ in Shells Holds 6 Shots

Take Down, Plain Barrel.

		Each
No. 88	—12 Gauge, 26 in. Nickel Steel Barrel, Full Choke, Weight About 7¾ Lbs.	$45 00
No. 88M	—12 Gauge, 26 in Nickel Steel Barrel, Modified Choke, Weight About 7¾ Lbs.	45 00
No. 89	—12 Gauge, 28 in Nickel Steel Barrel, Full Choke, Weight About 7¾ Lbs.	45 00
No. 89M	—12 Gauge, 28 in Nickel Steel Barrel, Modified Choke, Weight About 7¾ Lbs.	45 00
No. 90	12 Gauge 30 in Nickel Steel Barrel, Full Choke, Weight About 7¾ Lbs.	45.00
No. 90M	—12 Gauge, 30 in Nickel Steel Barrel, Modified Choke, Weight About 7¾ Lbs.	45.00
No. 91	—12 Gauge, 32 in Nickel Steel Barrel, Full Choke, Weight About 7¾ Lbs.	45.00
No 91M	—12 Gauge, 32 in. Nickel Steel Barrel, Modified Choke, Weight About 7¾ Lbs.	45 00

Take Down, Matted Rib.

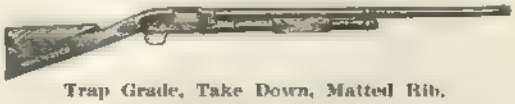
		Each
No. 88R	—12 Gauge, 26 in. Nickel Steel Barrel, Full Choke, Weight About 7¾ Lbs.	$52 50
No. 88MR	—12 Gauge, 26 in Nickel Steel Barrel, Modified Choke, Weight About 7¾ Lbs.	52.50
No. 89R	—12 Gauge, 28 in Nickel Steel Barrel, Full Choke, Weight About 7¾ Lbs.	52 50
No. 89MR	—12 Gauge, 28 in. Nickel Steel Barrel, Modified Choke, Weight About 7¾ Lbs.	52 50
No. 90R	—12 Gauge, 30 in Nickel Steel Barrel, Full Choke, Weight About 7¾ Lbs.	52 50
No. 90MR	—12 Gauge, 30 in Nickel Steel Barrel, Modified Choke, Weight About 7¾ Lbs.	52.50
No. 91R	—12 Gauge, 32 in. Nickel Steel Barrel, Full Choke, Weight About 7¾ Lbs.	52 50
No. 91MR	12 Gauge, 32 in. Nickel Steel Barrel, Modified Choke, Weight About 7¾ Lbs.	52.50



Tournament Grade, Take Down, Matted Rib.

Stock 14 in. Long, 1⅝ in Drop at Heel, 1⅞ in Drop at Comb
Side Ejection, Checked Straight Grip, Walnut Stock and Action Slide Handle, Rubber Butt Plate, Chambered for 2¾ in. Shells, Holds 6 Shots.

		Each
No. 92	—12 Gauge, 30 in Nickel Steel Barrel, Full Choke, Weight About 7¾ Lbs.	$67 50



Trap Grade, Take Down, Matted Rib.

Stock 13⅞ in. Long, 1⅝ in Drop at Heel, 1⅞ in. Drop at Comb
Side Ejecting, Checked Straight Grip, Walnut Stock and Action Slide Handle, Rubber Butt Plate, Chambered for 2¾ in Shells, Holds 6 Shots

		Each
No. 93	12 Gauge, 30 in. Nickel Steel Barrel, Full Choke, Weight About 7¾ Lbs	$82 40

12 GAUGE

Pigeon Grade, Take Down, Matted Rib.

Stock 13⅞ in. Long, 1⅝ in. Drop at Heel, 1⅞ in. Drop at Comb
Side Ejecting, Checked Straight Grip, Walnut Stock and Action Slide Handle, Rubber Butt Plate, Chambered for 2¾ in Shells, Holds 6 Shots

		Each
No. 94	-12 Gauge, 28 in. Nickel Steel Barrel, Full Choke, Weight About 7¾ Lbs.	$157.40

16 GAUGE

Stock 13⅞ in. Long, 2⅛ in. Drop at Heel, 1⅝ in. Drop at Comb
Side Ejecting, Plain Pistol Grip, Walnut Stock and Action Slide Handle, Rubber Butt Plate, Chambered for 2¾ in Shells Holds 6 Shots

Take Down, Plain Barrel.

		Each
No. 86	—16 Gauge, 28 in. Nickel Steel Barrel, Full Choke, Weight About 6 Lbs.	$45.00
No. 87	—16 Gauge, 26 in Nickel Steel Barrel, Modified Choke, Weight About 6 Lbs.	45.00

Take Down, Matted Rib.

		Each
No. 86R	—16 Gauge, 26 in. Nickel Steel Barrel, Full Choke, Weight About 6 Lbs.	$52 50
No. 87R	—16 Gauge, 26 in. Nickel Steel Barrel, Modified Choke, Weight About 6 Lbs.	52.50

20 GAUGE

Nos. 55 and 56

Take Down, Plain Barrel.

Stock 13⅞ in Long, 2⅛ in. Drop at Heel, 1⅝ in Drop at Comb
Side Ejecting, Plain Pistol Grip, Walnut Stock and Action Slide Handle, Rubber Butt Plate, Chambered for 3 in Shells, Holds 6 Shots

		Each
No. 55	—20 Gauge, 25 in Nickel Steel Barrel, Full Choke, Weight About 5¾ Lbs.	$45 00
No. 56	—20 Gauge, 25 in Nickel Steel Barrel, Modified Choke, Weight About 5¾ Lbs.	45.00

Single Barrel Autoloading Shot Guns.

REMINGTON AUTOLOADING, MODEL 11

BROWNING DESIGN

Standard Grade, Hammerless, Take Down.

Stock 14 in Long, 2½ in Drop at Heel and 1⅝ in. Drop at Comb.

Solid Breech, Walnut Stock Plain Pistol Grip, Matted Receiver, Rubber Butt Plate, Automatic Ejector, 5 Shots

		Each
No. 1	—(Factory No. 11A), 12 Gauge, 28 in. Blued Steel Barrel, **Full Choke or Modified Choke Bored**, Weight About 7¾ Lbs.	$55.50

Full Choke Barrel will Always be Sent Unless Otherwise Specified

No. 12	(Factory No 11A), 12 Gauge, Same Description as Above, but **with Two Barrels**, One 28 in. Full Choke and One 26 in Cylinder Bored	78 15

Special Grade, Hammerless, Take Down, Solid Matted Rib.

Stock 14 in Long by 2½ in. at Heel and 1⅝ in. at Comb

Solid Breech, Selected Imported Walnut Half Pistol Grip Stock and Fore-Arm, Neatly Checkered, Matted Receiver, Rubber Butt Plate, Automatic Ejector, 5 Shots

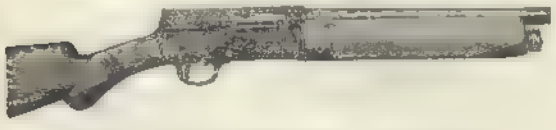
		Each
No. 2	—(Factory No 11B), 12 Gauge, 28 in Blued Steel Barrel, Full Choke Bored, Weight About 7¾ Lbs.	$70 75
No. 2R	(Factory No 11B), Same Description as Above, but with **Solid Matted Rib**	79 65

Tournament Grade, Hammerless, Take Down.

Stock 14 in Long by 2½ in at Heel and 1⅝ in. at Comb

Solid Breech, Fine English Walnut Stock, Checkered Pistol Grip and Fore-End, Matted Receiver, Rubber Butt Plate, Full Choke Bored, Automatic Ejector, Extra Scroll Engraving, Fine Checkering, 5 Shots

		Each
No. 4	—(Factory No 11D), 12 Gauge, 28 in Blued Steel Barrel, Weight About 7¾ Lbs.	$ 99.65
No. 4R	—(Factory No. 11D), 12 Gauge, Same Description as Above, but with **Solid Matted Rib Barrel**	108 00



Premier Grade, Hammerless, Take Down.

Stock 14 in Long by 2½ in at Heel and 1⅝ in. at Comb

Solid Breech, Finest Circassian Walnut Stock, Checkered Pistol Grip and Fore-End, Matted Receiver, Rubber Butt Plate, Full Choke Bored, Automatic Ejector, Fine Scroll and Game Engraving, Deeply Shaded, Gold Name Plate, 5 Shots

		Each
No. 6R	—(Factory No. 11F), 12 Gauge, 28 in Blued Steel Solid Matted Rib Barrel, Weight About 7¾ Lbs	$221 15

Cut Shows Matted Rib Barrel

Standard Grade, Hammerless, Take Down, Solid Matted Rib.

Stock 14 in Long by 2½ in. at Heel and 1⅝ in at Comb

Solid Breech, Walnut Stock, Plain Pistol Grip, Matted Receiver, Rubber Butt Plate, Raised Solid Matted Rib, Automatic Ejector, 5 Shots

		Each
No. 1R	—(Factory No 11A), 12 Gauge, 28 in. Blued Steel Barrel, **Full Choke or Modified Choke Bored**, Weight About 7¾ Lbs.	$61 10

Full Choke Barrel will Always be Sent Unless Otherwise Specified

No. 12R	(Factory No 11A), 12 Gauge, Same Description as Above, but **with Two Barrels**, One 28 in Full Choke and One 26 in Cylinder Bored	95 90

Trap Grade, Hammerless, Take Down

Stock 14¼ in Long, 2¼ in Drop at Heel, 1½ in Drop at Comb

Solid Breech, Imported Walnut Straight Grip Stock and Fore-Arm, Neatly Checkered, Matted Receiver, Rubber Butt Plate, Automatic Ejector, 5 Shots

		Each
No. 3	—(Factory No. 11C), 12 Gauge, 28 in Blued Steel Barrel, Full Choke Bored, Weight About 7¾ Lbs.	$70.75
No. 3R	(Factory No 11C), 12 Gauge, Same Description as Above, but with **Solid Matted Rib**	79 65

Expert Grade, Hammerless, Take Down.

Stock 14 in Long by 2½ in at Heel and 1⅝ in at Comb.

Solid Breech, Best English Walnut Stock, Checkered Pistol Grip and Fore-End, Matted Receiver, Rubber Butt Plate, Full Choke Bored, Automatic Ejector, Fine Scroll and Game Engraving, Extra Checkering, Silver Name Plate, 5 Shots.

		Each
No. 5	—(Factory No. 11E), 12 Gauge, 28 in Blued Steel Barrel, Weight About 7¾ Lbs.	$141 50
No. 5R	(Factory No. 11E), 12 Gauge, Same Description as Above, but with **Solid Matted Rib Barrel**	150 10

Riot Gun, Hammerless, Take Down.

Stock 14 in. Long by 2½ in. at Heel and 1⅝ in. at Comb.

Solid Breech, Walnut Stock, Plain Pistol Grip, Matted Receiver, Rubber Butt Plate, Cylinder Bored, Automatic Ejector, 5 Shots.

		Each
No. R0	(Factory No 11R), 12 Gauge, 20 in Blued Steel Barrel, Weight About 7½ Lbs.	$55 50

Single Barrel Shot Guns.

IVER JOHNSON

Champion, Top Snap, Non-Ejector.

Top Lever Action, Rebounding Lock, Pistol Grip, Case Hardened Frame, Walnut Stock, Loose Fore-Arm, Rubber Butt Plate, Choke Bored.

		Each
No. 150	12 Gauge, 30 and 32 in. Blued Steel Barrel, Weight About 6½ Lbs.	$7.25
No. 155	16 Gauge, 30 in. Blued Steel Barrel, Weight About 6½ Lbs.	7.25
No. 158	44 Caliber, 28 in. Blued Steel Barrel, Weight 5¾ Lbs.	7.25

Champion Top Snap, Automatic Ejector.

Top Lever Action, Rebounding Lock, Pistol Grip, Case Hardened Frame, Walnut Stock, Loose Fore-Arm, Rubber Butt Plate, Choke Bored.

		Each
No. 0150	12 Gauge, 30 and 32 in. Blued Steel Barrel, Weight About 6½ Lbs.	$7.80
No. 0155	16 Gauge, 30 in. Blued Steel Barrel, Weight About 6½ Lbs.	7.80
No. 0156	20 Gauge, 28 in. Blued Steel Barrel, Weight About 6 Lbs.	7.80
No. 0157	28 Gauge, 28 in. Blued Steel Barrel, Weight About 5¾ Lbs.	7.80

DAVENPORT GOOSE GUN

Top Lever Action, Rebounding Lock, Checkered Pistol Grip and Fore End, Case Hardened Frame, English Walnut Stock, Loose Fore-Arm, Fancy Rubber Butt Plate

		Each
No. 08	8 Gauge, 36 in. Laminated Twist Steel Barrel, Weight 11 to 11½ Lbs.	$32.20
No. 09	10 Gauge, 36 in. Laminated Twist Steel Barrel, Weight 11 to 11½ Lbs.	27.75

HARRINGTON & RICHARDSON

Top Snap.

Rebounding Lock, Pistol Grip, Case Hardened Frame, Detachable Barrel, Fine Walnut Stock, Loose Fore-Arm, Fancy Rubber Butt Plate, Barrel Choke Bored

		Each
No. 40	12 Gauge, 30 and 32 in. Rolled Steel Barrel, Weight, About 6¼ Lbs.	$7.25
No. 41	16 Gauge, 30 in. Rolled Steel Barrel, Weight About 6¼ Lbs.	7.25
No. 42	20 Gauge, 28 in. Rolled Steel Barrel, Weight About 6 Lbs.	7.25

Automatic Ejector.

Rebounding Lock, Pistol Grip, Case Hardened Frame, Detachable Barrel, Fine Walnut Stock, Loose Fore-Arm, Fancy Rubber Butt Plate, Barrel Choke Bored

		Each
No. 45	12 Gauge, 30 and 32 in. Rolled Steel Barrel, Weight About 6¼ Lbs.	$7.80
No. 46	16 Gauge, 30 in. Rolled Steel Barrel, Weight About 6¼ Lbs.	7.80
No. 47	20 Gauge, 28 in. Rolled Steel Barrel, Weight About 6 Lbs.	7.80
No. 48	28 Gauge, 26 in. Rolled Steel Barrel, Weight About 5¾ Lbs.	7.80

Automatic Ejector.

Heavy Breech, Rebounding Lock, Pistol Grip, Case Hardened Frame, Detachable Barrel, Fine Walnut Stock, Loose Fore-Arm, Fancy Rubber Butt Plate, Barrel Choke Bored

		Each
No. 195	12 Gauge, 30 in. Rolled Steel Barrel, Weight About 7 Lbs.	$11.10

Non-Ejector

Rebounding Lock, Pistol Grip, Case Hardened Frame, Detachable Barrel, Fine Walnut Stock, Rubber Butt Plate, Barrel Choke Bored

		Each
No. 11	44 Caliber, 26 in. Rolled Steel Barrel, Weight About 5½ Lbs.	$7.25

Skating Shoes.

No. 1466.

Canadian Hockey Skating Shoes.

Per Pair

No. 1466—Low Lace, Blucher Cut, Fine Quality Black Calf Uppers, Very Soft, Pliable and Light in Weight, Hard Box Toe for Special Protection, Heavy Felt Lined Tongue, Reinforced Inside with Leather Side Lining, Three Wide Webbing Side Stays, Outside Collar, Lace, Stay and Back Strap, Oak Sole, with Low Full Solid Clinched Heel $6 75

Sizes 5 to 11.

No 4088

Per Pair

No 4088—Ladies', Soft, Pliable Kangaroo Calf Upper Toe Lace Hockey Style Extra High Cut, Full Double Sole Reinforced Solid Heel, Felt Lined Tongue, Strap Over Ankle, Properly Reinforced and Supported..... $6 10

Sizes 2 to 8.

Skating Shoe. Per Pair

No. 1464 Best Quality Soft Black or Tan Kanguroo Calf, Lace to Toe Pattern, Hockey Style, Lamb's Wool Lined Tongue, Ankle Pad and Buckle Strap, Three Webbing Side Stays, Protecting Outside Counter Pocket, Full Double Oak Sole with Waterproof Chrome Slip, Goodyear Stitched, Full Solid Heels, Firmly Reinforced and Nailed $7.35

Sizes 5 to 11

Skating Shoe. Per Pair

No. 2487—Black Chrome Calf Uppers, Half Double Oak Soles, Full Solid Reinforced Heel, Felt Lined Tongue, Wide Webbing, Side Stay, Outside Strap Support Over Ankle $5 10

Sizes 5 to 11.

Racer Skate Shoes. Per Pair

No. 1467—Best Genuine Austra lian Kangaroo Uppers, Very Soft and Pliable Stock, Extremely Light in Weight Lace to Toe Pattern, Lacing Down Over Toe, Four Special Webbing Inside Reinforcements, Special Extra Long Counter that Supports the Foot without Tiring the Wearer, Firm Oak Sole ... $6.25

NOTE—The Above Skating Shoes Are Not Carried in Stock, but Are Made up to Order. It Will Take 10 to 15 Days to Fill Orders.

Hockey Sticks.

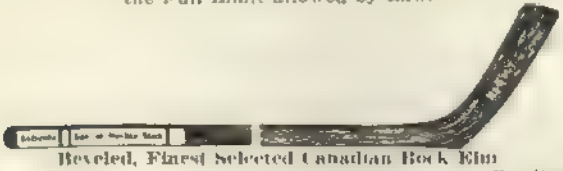
SALYERD'S

Finest Selected Canadian Rock Elm.

Per Dozen

Salyerd's Special Built-up Goal Stick 12x3 in. Blade, 42 to 46 in. Handle, Weight Per Dozen About 26 Lbs. $13 25

Adapted to provide Goal Keepers with a Stick that is up to the Full Limit allowed by Law.

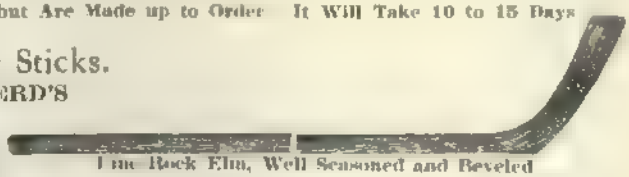


Beveled, Finest Selected Canadian Rock Elm

Per Doz.

Salyerd's XXXX Special Hockey Stick 12 in. Long Blade, 2¼ to 2½ in. High 44 in. Long Handle 7/8x1 1/8 in. Wide, Weight Per Dozen About 18 Lbs. $10.00

Open Stock.



Fine Rock Elm, Well Seasoned and Beveled

Per Dozen

No. XXX—12 in. Long Blade, 2¼ to 2½ in. High, 44 in Long Handle, Weight Per Dozen About 17 Lbs. $8.35

Rock Elm Beveled Per Dozen

No. XX 12 in. Long Blade, 2¼ to 2½ in. High 44 in Long Handle, Weight Per Dozen About 16 Lbs. $6.15

No. X—12 in. Long Blade, 2¼ to 2½ in. High, 44 in. Long Handle, Weight Per Dozen About 1[illegible] Lbs. 5.00

Rock Elm, Plain. Per Dozen

No. 1—12 in. Long Blade, 2¼ to 2½ in. High, 44 in Long Handle, Weight Per Dozen About 14 Lbs. $2 00

No. XB—Boys', 8 to 10 in. Long Blade, 2 in. High, 38 in Long Handle, ¾x1½ in Wide, Weight Per Dozen About 2 Lbs. 2.00

Open Stock

Hockey Pucks.

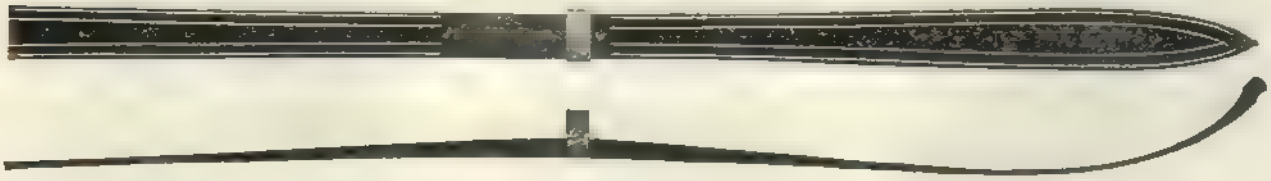
Per Dozen

Official Regulation Size Selected Rubber, Weight Per Dozen About 6 Lbs $6 70

One-twelfth Dozen in a Box

Skis.

NOT GUARANTEED AGAINST BREAKAGE



Best Quality Selected Norway Pine, Natural Wood Finish, Fancy Stripes, Coated with Oil and Waterproof Varnish, Heavy Toe Straps, Rubber Foot Rests.

Nos.	4P	5P	6P	7P	76P	8P
Length, Feet	4	5	6	7	7½	8
Ap. Weight Per Pair, Lbs.	2½	3½	5	6	8½	10
Per Pair	$1.25	1.58	1.90	2.85	3.15	3.50

Best Quality Selected Maple, Beautiful Mahogany Finish, Fancy Grooved White Stripes, Heavy Toe Straps, Corrugated Rubber Foot Rests.

Nos.	4M	5M	6M	7M	76M	8M
Length, Feet	4	5	6	7	7½	8
Ap. Wt. Pair, Lbs.	3	3½	5	8	11	13
Per Pair	$1.90	2 55	3.15	3 80	4 45	5.05

Best Quality Ash, Black Finish, Fancy Grooved White Stripes, Heavy Leather Toe Straps, Corrugated Rubber Foot Rests.

Nos.	7A	76A	8A
Length, Feet	7	7½	8
Ap. Wt Per Pair, Lbs.	7½	10	12
Per Pair	$5.40	6.00	6.65

THE LEVEL LAND RACER, Selected Straight Grained Ash, Straight and Rabbeted Sides, Heavy Toe Straps, Corrugated Rubber Foot Rests.

Nos.	81A	961A
Length, Feet	8	9½
Ap. Weight Per Pair, Lbs.	11	13
Per Pair	$7 00	7 60

CHAMPION, Very Best Quality Straight Grained Second Growth Hickory, Black Finish, Fancy Grooved White Stripes or Natural Wood with Dark Stripes, Heavy Toe Straps, Corrugated Rubber Foot Rests.

Nos.	7H	76H	8H
Length, Feet	7	7½	8
Ap. Wt. Per Pair, Lbs.	9	12	14
Per Pair	$7 00	7.60	8 20

HOW TO SELECT THE LENGTH OF SKIS

Put the Ski on the ground in a vertical position, then stretch your arm up at full length and choose a Ski that you can barely reach the point of with the tip of your long finger.

Ski Poles.

BAMBOO, with Flexible Washer.

	Each
Bamboo Ski Poles—6 ft. Long	$0 88

Weight Each About 1¼ Pounds

Open Stock.

Hardwood, with Rigid Washer.

Length, Feet	4	5
Ap. Weight Each, Lbs.	1	1¼
Each	$0 40	.88

Open Stock.

Leather Bindings.

	Per Pair
Leather Bindings—With Metal Side Plates	$2 20

Weight Per Pair About 1¼ Pounds

Open Stock

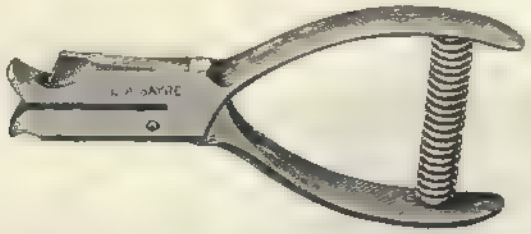
Hockey or Ski Caps.

Men's or Boys', All Worsted Wool, Brushed.

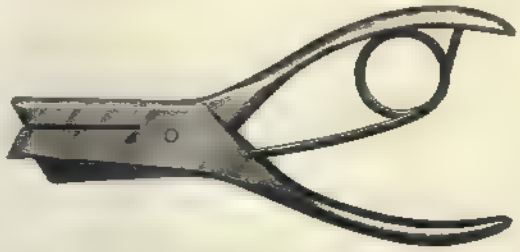
	Per Dozen
No. 7 Solid Colors, Oxford, Cardinal and Navy	$10 15
No. 8—Combination Colors, Navy and Cardinal, Oxford and Cardinal, Cardinal and Navy	10 15

Open Stock.

Conductors' Punches.



Nickel Plated Cast Steel, Hardened Tool Steel Dies, Coil Wire Spring.
Per Dozen
No. 421—Assorted Fancy Dies, Length Over All 4½ in. $40.00
Weight Per Dozen About 5 Pounds

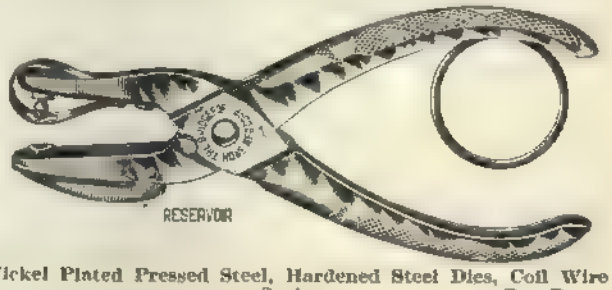


Polished Cast Steel, Hardened Tool Steel Dies, Coil Wire Spring.
Per Dozen
No. 31—Assorted Fancy Dies, Length Over All 4½ in. $7.35
Weight Per Dozen About 5 Pounds.

Nickel Plated Cast Steel, Hardened Tool Steel Dies, Coil Wire Spring.
Per Dozen
No. 200—Round Dies, Length Over All 4¾ in. $10.55
No. 215—Assorted Fancy Dies, Length Over All 4¾ in. 14.00
Weight Per Dozen About 3 Pounds.

Nickel Plated Cast Steel, Hardened Tool Steel Dies, Coil Wire Spring.
Per Dozen
No. 219—Assorted Fancy Dies, Length Over All 5 in $14 45
Weight Per Dozen About 3 Pounds.

Nickel Plated Pressed Steel, Hardened Steel Dies, Coil Wire Spring.
Per Dozen
No. 44—Assorted Fancy Dies, Length Over All 5 in. $4.00
Weight Per Dozen About 2 Pounds



Nickel Plated Pressed Steel, Hardened Steel Dies, Coil Wire Spring.
Per Dozen
No. 46—With Reservoir, Assorted Fancy Dies, Length Over All 5 In. $4.45
Weight Per Dozen About 2 Pounds

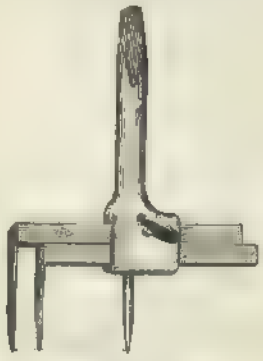
All Above, One-half Dozen in a Box

Washer Cutters.

SMITH'S

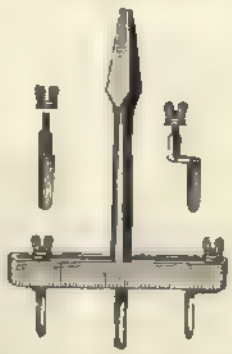
Cast Steel Frame, Japanned, with Gauge, Steel Cutters.
Per Dozen
No. 2—Cuts Washers up to 3½ in., Length from Point to End of Shank 4 in. $22.25
Ap. Weight Per Dozen 7 Pounds.

PENNY'S



Polished Steel Frame, Hardened Steel Cutters.
Per Dozen
No. 5—Cuts Washers up to 6 in., Length from Points to End of Shank 5½ in. $14 00
Ap. Weight Per Dozen 11 Pounds.

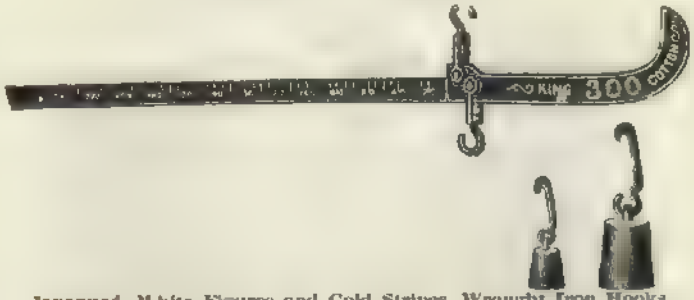
APPLETON'S



Malleable Iron Frame, Tinned, with Gauge, Steel Cutters.
Per Dozen
No. 11—Cuts Washers up to 4 in., Length from Point to End of Shank 6 in. $15.00
Ap. Weight Per Dozen 7½ Pounds.

All Above, One-half Dozen in a Box.

Scale Beams.



Japanned, White Figures and Gold Stripes, Wrought Iron Hooks.

Pounds	200	250	300	350	400	450	500	600	700	800	1000
Weight, Poises Lbs.	4 & 4	2 & 8	2 & 8	4 & 8	8 & 12	8 & 12	4 & 16	8 & 16	5 & 20	6 & 24	8 & 32
Weight Each, Lbs.	10	16	18	21	25	28	30	38	42	50	65
Each	$2 25	2 85	3 15	3 75	4 35	4 80	5 25	6 00	7 00	8 00	10 00

EXTRA POISES

Weight, Lbs.	1	2	3	4	5	6	8	12	16	20	24	32
Each	$0.35	.45	.60	.75	.90	1.05	1.25	1.65	2.25	2.55	3.60	4.35

200 to 500 Pounds, One-half Dozen in a Box, with Poises, 600 to 800 Pounds, One-half Dozen in a Box, Poises Separate; 1000 Pounds, One-sixth Dozen in a Box, Poises Separate.

Grain Testers.

HOWE

Graduated Beam.

Nos.	0	1	2
Capacity, Qts.	½	1	2
Weight Each, Lbs.	8	10	12
Each	$23.35	25.60	27.80

CHAMPION

Graduated Beam.

Nos.	11	12
Capacity, Qts.	1	2
Weight Each Lbs.	9	11
Each	$17.80	18.90

The Beam balances at zero, graduated so that by filling the cup with grain the beam will designate exactly the number of pounds that it will weigh to the bushel

Test Weights.

U. S. Standard.
Cast Iron

Capacity, Lbs.	50
Each	$5 00

Open Stock

Scale Weights.

FOR EVEN BALANCE SCALES

Cast Iron, Japanned

Ounces	½	1	2	4	8
Each	$0 17	17	25	25	25

Pounds	1	2	4	8
Each	$0 42	67	1 16	2.00

Open Stock

FOR UNION COUNTER SCALES

Cast Iron, Japanned.

Pounds	5 to 40	10 to 80
Each	$0 50	.78

For Grocers' Scales
Cast Iron, Japanned, for Scales 25, 30 and 62 Pounds.

Pounds	3	6	12	20
Each	$0 50	50	78	1 16

Open Stock.

FOR PORTABLE PLATFORM SCALES

Cast Iron, Japanned.

Pounds	50	100	200	300	500
Each	$0 50	50	78	$1 00	1 45

Open Stock

Scale Weigh Books.

	Each
Howe Scale Weigh Books—Containing 500 Blank Receipts	$1 70
Fairbank's Scale Weigh Books—Containing 500 Blank Receipts	1 70

Spring Balances.

FRARY'S

Straight, Brass Front, Japanned Case with Round Tin Pan

Per Dozen

No. 52 Light Weighs 25 Lbs by ½ Lb Weight Per Dozen 6½ Lbs $4.00

No. 91 Heavy Weighs 25 Lbs by ½ Lb Weight Per Doz. 9 Lbs. 7 60

One-half Dozen in a Box.

FRARY'S

Straight, Brass Front, Japanned Case with 11x11 Inch Square Tin Pan.

Per Dozen

No. 110 Heavy Weighs 25 Lbs by ½ Lb Weight Per Dozen 2? Lbs. $10 80

One-twelfth Dozen in a Box

PELOUZE

No. 101.

Pelouze, 7 in. Dial, Glass Sash, Nickel Rim, Distinct Stamped Figures, 18 in. Round Steel Pan, White Enameled Heavy Steel Ball Large Ring Each

No. 101—Weighs 20 Lbs by 1 Oz., Length Over All 22 in., Weight Each 4 Lbs $4 50

Champion, 5¾ in Brass Dial, Distinct Stamped Figures 11¾ in Round Steel Pan, White Enameled, Heavy Steel Bail, Large Ring. Each

No. 1C—Weighs 24 Lbs. by 1 Oz., Length Over All 22 in., Weight Each 4 Lbs $4 00

One in a Box.

No. 344E

CHATILLON'S RED

Red Dial with Broad White Border Encircling Red, Marked and Graduated Protected Pointer, 11 in. Folding White Enameled Pan, Heavy Steel Bail, Large Ring. Each

No. 344E—Weighs 20 Lbs. by 1 Oz., Length Over All 24 in., Weight Each 3 Lbs. $3 60

One in a Box.

Fruit and Vegetable Scale.

CHATILLON

7 Inch Dial, White Enameled Front and Glass Sash, 17x16x14½ inch Tinned Scoop, Tinned Chains. Each

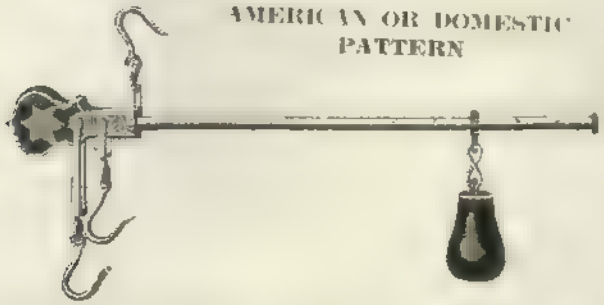
No. 5273—Weight 60 Lbs. by 2 Oz., Length Over All 41½ in., Weight Each 7¾ Lbs. $8 35

One in a Box.

No. 5273

Steelyards.

AMERICAN OR DOMESTIC PATTERN



Balanced Heads and Stops, Steel Bars, Heads and Poises, Painted Black.

Pounds	50	100	150	200	250	300
Weights in Oz.	1	2	4	4	4	4
Weight Per Dozen Lbs.	34	46	70	82	100	110
Per Dozen	$10 00	11 70	15 00	16 70	18 35	20 00

One-half Dozen in a Case.

EXCELSIOR, FARMERS' PATTERN

Balanced Heads and Stops, Steel Bars, Polished Malleable Iron Hooks, Heads and Poises, Painted Red.

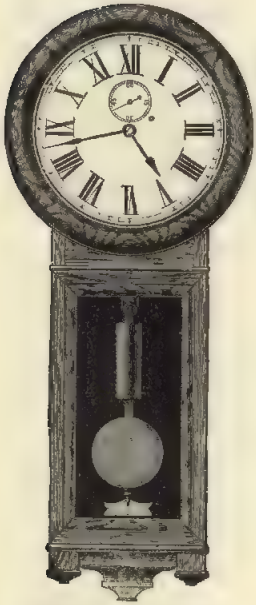
Pounds	50	100	150	200	250	300
Weights in Oz.	1	2	4	4	4	4
Weight Per Dozen Lbs.	40	54	64	90	100	110
Per Dozen	$10 00	16 70	20 00	25 00	30 00	35 00

One-half Dozen in a Box

Regulators

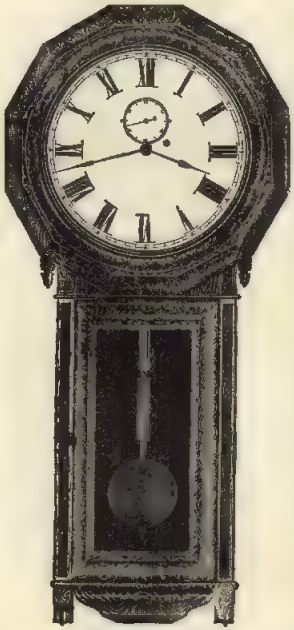
Made by the Seth Thomas Clock Co.

Prices Each



REGULATOR No. 2—$44.15

A standard small Regulator for Railroads, Schools, Fire Departments, Offices, etc. Mahogany and Old Oak Veneer, polished. Eight-Day, Weight, Time. 13-inch Dial. Height, 36 ½ inches. Movement has strong, well-finished plates, and is secured to an iron bracket, pendulum is suspended from same. Graham dead beat escapement, wood rod brass-covered zinc ball, eighty beats to the minute. Has maintaining power.



REGULATOR No. 3—$76.65

A standard large Dial, Short Regulator for Railroads etc. Mahogany and Old Oak Veneer, Polished. Eight-Day, Weight, Time. 14-inch Dial. Height, 44 inches. Movement has polished steel cut pinions, Graham dead-beat escapement, wood rod, brass-covered zinc ball. Seventy-two beats to the minute. Has maintaining power. An excellent movement.

REGULATOR No. 11—$125.00.

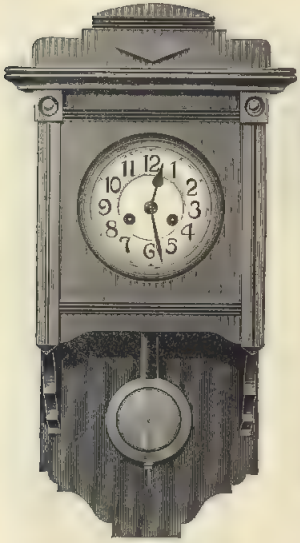
Mahogany and Golden Oak. Eight-Day, Weight, Time. Beats Seconds. 14-inch Dial. Height, 66 inches. Large, cut steel pinion movement, with polished plates. Wood rod, brass-covered zinc ball. Graham dead beat escapement, and maintaining power. An excellent movement.

REGULATOR No. 20—$100.00

Mahogany and Old Oak. Eight-Day, Weight, Time. Beats Seconds. 14-inch Dial. Height, 62 inches. Large movement, wood rod, brass-covered zinc ball, Graham dead-beat escapement, and maintaining power. The round top and two side-pieces can be removed if a plain top case is desired.

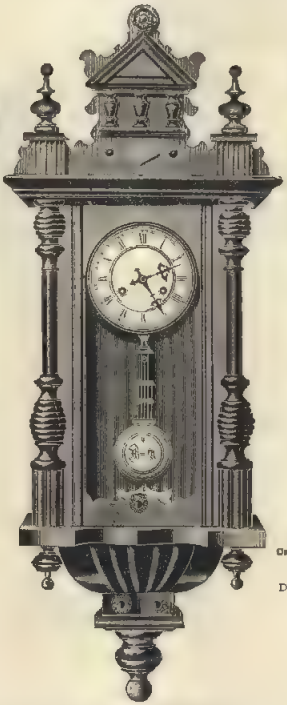
Fine Imported Regulators and Novelty Clocks

Prices Each



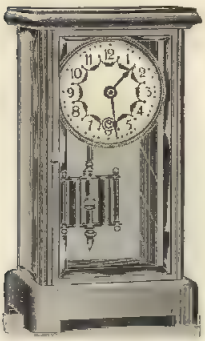
No. 601 **OFFICE CLOCK—$24.20**
Oak Case
Height 20 inches. Width 12 inches.
Enameled dial 8 inches. Brass pendulum.
Fourteen-day half-hour strike.

No. 602 **OFFICE CLOCK—$20.85**
Same clock as above, fourteen-day time only



No. 1424 **REGULATOR—$23.35**
Polished walnut case, height 35 inches; width 14 inches 6-inch porcelain dial, fourteen-day, half-hour strike gong.

No. 781 **DINING ROOM CLOCK—$41.65**
Case Made of Weathered Oak, With Copper Front.
Height 26 inches. Width 12 inches.
Dial 8 inches.
Dial, pendulum and weights of oxidized copper engraved.
Eight-day weight movement.
Half-hour strike on dome gong.



No. 1729 **CRYSTAL REGULATOR—$23.35**
Polished Gold Finish Case.
With beveled glasses on four sides
Height 24½ inches. Width 4½ inches.
3-inch fancy porcelain dial
Imitation mercurial pendulum. Eight-day time.

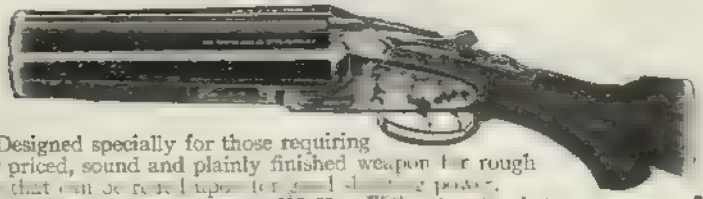
No. 6417 **GEELINDE—$12.50**
Birds-Eye Maple Case.
Height 10 inches. Silver dial 3 inches.
Eight-day time.

No. 7640 **DELPHIN—$14.30**
Swing clock of gilt
Suspended on jeweled bar
Excellent timekeeper
The clock having no pendulum spring it is absolutely insensible to atmospheric influence and will run in any position
Gold Dolphin figure on mounted wooden base.
Height 10 inches
Two-inch porcelain dial
Eight-day time.

SMITH HAMMERLESS GUNS NEW DESIGNS

The special system of locking gives quick ignition, increased velocity and penetration. 10, 12, 16 and 20 gauge can be furnished in all grades, except that "Field" grade cannot be furnished in 10 gauge. A great variety of weights may be had. 12 gauge are light as 6½ lbs. and 20 gauges 5¾ lbs. and either 26, 28, 30 or 32 inch barrel with choke, modified or full bore. Full pistol grip is regular, but half or straight will be made to order. Complete catalog sent upon request.

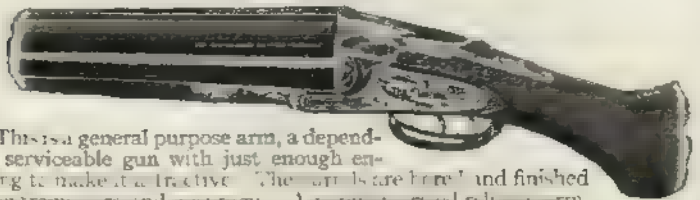
FIELD GRADE



Designed specially for those requiring a low priced, sound and plainly finished weapon for rough usage that can be relied upon for good shooting powder.

With two triggers ..... $25 00 With automatic ejector $35 00

IDEAL GRADE



This is a general purpose arm, a dependable, serviceable gun with just enough engraving to make it attractive. The parts are hand finished with extreme care and accuracy. A popular priced reliable arm.

With two triggers ..... $37 50 With automatic ejector $49 00
With one trigger ..... 47 50 With automatic ejector and one trigger 59 00

TRAP GRADE

We can confidently recommend this grade, especially for the purpose the name implies but, of course, it is suitable for field use too. The lock plates are engraved to represent trap shooting scenes. It can be had in all gauges but is regularly carried in stock in 12 gauge only, bored for average target or field shooting.

With two triggers ..... $55 00 With automatic ejector $66 00
With one trigger ..... 75 00 With automatic ejector and one trigger 86 00

SPECIALTY GRADE

A fine gun in every detail and built to last a lifetime. It is a well made, well fitted gun of symmetrical lines and handsomely engraved. We have every confidence in recommending this grade to the discriminating gunner who appreciates high quality and is not desirous of investing a large amount.

With two triggers ..... $64 00 With automatic ejector $75 00
With one trigger ..... 89 00 With automatic ejector and one trigger 100 00

EAGLE GRADE

A new type of ornamentation is used on this grade. The top and bottom of frame and the lock plates are frost finished and engraved pheasant and quail in flight are engraved on the sides. The material is carefully selected and the workmanship excellent. It is guaranteed to shoot well, look well and wear well.

With two triggers ..... $115 00 With automatic ejector $126 00
With one trigger ..... 140 00 With automatic ejector and one trigger 151 00

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

ITHACA HAMMERLESS GUNS

All Ithaca guns are fitted with coil springs and a new three piece lock which is "lightning fast"—only 1/625 of a second to operate. They have a double thick nitro-breech and three positive bolts and are warranted never to shoot loose. 10, 12, 16, 20 or 28 gauge, with 26, 28, 30 or 32 inch barrel.

NO. F

No. **F.** Ithaca Field Gun. Smokeless blued steel barrels, double thick breech especially adapted for smokeless powder, selected black walnut half pistol grip stock and fore-end, nicely hand-checkered, top lever, triggers and guards, bread and case-hardened, **10, 12,** 16 and **20** gauge only .. **$19 50**

No. **1S.** Special Cockerel steel barrel, black walnut stock and fore-end, hand checkered, full pistol grip with hard rubber cap, neat scroll on each side of frame. .. **22 50**

No. **1.** The very best English stub twist barrel, black walnut stock and fore-end nicely hand-checkered, full pistol grip, neat scroll on each side of frame. Made in all standard gauges and lengths **25 00**

NO. 4

No. **1½.** A good Damascus steel barrel, black walnut stock and fore-end checkered, full pistol grip, rubber capped, setter dog engraved on each side of frame .. **$31 50**

No. **2D.** Fine Damascus steel barrels, English walnut stock and fore-end, checkered and engraved with scroll and game scenes ... **42 75**

No. **2K.** With Krupp steel barrels .. **49 87**

No. **3.** Fine imported Damascus or Krupp finished blue, steel barrels, selected English walnut, stock and fore-end, finely hand checkered full pistol grip unless otherwise ordered, frame, trigger guard, fore-end iron and top lever engraved by hand, with game scenes and scroll engraving **60 00**

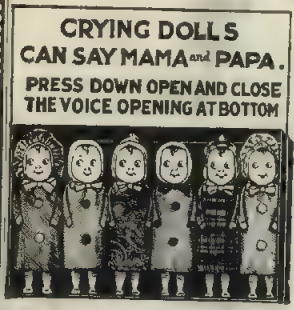
No. **4.** Best Krupp fluid steel barrels, fine selected French Walnut stock, fore-end and stock beautifully hand checkered, straight or pistol grip, gold triggers, gold shield, all metal parts beautifully engraved by hand with dogs, birds and game scenes .. **75 00**

Automatic Ejector on any grade .. Extra **10 00**

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

Crying Dolls

These will be a great item this season. They cry like babies—look well and have a fascination that can not be resisted.



No. N3540. Crying Dolls, celluloid faces with natural flesh color and well tinted hair, and features. Body of doll is an ingeniously constructed bellows arrangement and by pressing down the doll will cry in a manner very suggestive of a human voice. By opening and closing the voice opening at bottom the dolls will say papa and mama. A great doll that will meet with great favor as the idea and construction is irresistible. Fully dressed with bonnets and dresses of assorted colors and designs. Height 8 inches. ½ dozen assorted in box. Per dozen..... 2.00

No. N3539. Crying Doll, similar to above in construction but of larger size with more elaborate bonnets and dresses. ½ dozen assorted in box. Height 11 inches. Per dozen..... 4.10

No. N3538. Crying Doll. The "Spearmint Kid" with the "Wrigley eyes" and expression. The great publicity given this character has made it well known to everyone in the country. Dressed in green felt dress and cap with wooden spear. Height 11½ inches. Per dozen..... 4.10

RAG DOLLS

N3599

N3600

No. N3599. Novelty Rag Dolls, average height 15 inches, three kinds assorted, Dutch Boy, Sailor Boy, Cowboy, well formed and stuffed with printed faces and dressed in typical bright colored costumes. An excellent article of its kind and practically indestructible. ½ dozen in box. Per dozen..... 2.00

No. N3600. Rag Doll, bathing girl, height 16 in., well stuffed, with printed face and typical bathing costume in blue and pink. A good item as souvenirs for bathing beaches and summer resorts. ½ dozen in box. Per dozen..... 2.00

Popular Dressed Dolls

Fine Appearance · Low Prices
The Best on the Market

N3541

N3542

No. N3541. Dressed Dolls, 9½ inches, unbreakable feet, hands and head, natural flesh colors with hair and features well tinted and painted eyes, two kinds assorted, dressed in different style assorted colored cloth dresses, romper and bib style with braid and lace edging. One dozen in box. Per dozen..... 2.10

No. N3542. Dressed Dolls, 12½ inches, unbreakable head, hands and shoes, well tinted hair and features with painted eyes, three kinds assorted fully dressed in assorted styles and colors of children's dresses with fancy lace and braid edging. ½ dozen in box. Per dozen..... 4.10

N3535

N3543

No. N3535. Yama Doll, 12 inches, unbreakable head, well tinted hair and features with painted eyes, typical striped clown dress with white frill collar and large bear cloth buttons. One dozen in box. Dozen..... 2.10

No. N3536. Yama Doll with cap, 16 in., similar to above, larger size, with bisque hands. An excellent size and unusually attractive. ½ dozen in box. Per dozen..... 4.10

No. N3543. Dressed Dolls. Height 18 in., unbreakable head and hands with nicely tinted hair and features and painted eyes. Short knee stockings with leather top slippers and fancy buckles, 2 kinds assorted. Fully dressed in late fashionable designs of colored dresses with lace yokes and trimming and fancy bows, etc. Each in box. Per dozen..... 8.75

Plumb Bobs.

Half Size Cut No 2J.

Half Size Cut No. 0J.

No 3H.

Half Size Cut No. 12.

Iron, Japanned, Adjusted Top.

Nos.	2J	00J	0J
Wt Each	9½ oz	1 lb 2 oz	2 lb 10 oz
Diam, In	1¾	2	2⅜
Per Dozen	$1.35	2.25	5 60

No 2J, One Dozen, No 00J, One half Dozen in a Box, No 0J, Open Stock

Lead, Steel Pointed.

No.	3H
Weight Each, Oz	12
Diameter, Inches	1½
Per Dozen	$6 35

One-half Dozen in a Box

Cast Iron, Nickel Plated and Polished, Sharp Point Giving Correct Adjustment.

Nos.	11	12
Weight Each, Oz.	5½	14⅝
Diameter, Inches	1¾	1⅞
Per Dozen	$2 70	3.15

One Dozen in a Box

Hexagon, Steel, Screw Top, Full Nickel Plated and Polished, Accurately Made Sharp Points Giving Correct Alignment.

Nos.	15	16	17
Weight Each, Oz	6	8	13
Length Over All, In	3⅛	3⅝	3¾
Diameter, Inches	1	1	1⅛
Per Dozen	$3.70	4.50	7.25

One Dozen in a Box

Cast Brass, Steel Pointed, Adjustable Screw in Top.

Nos.	13	14
Weight Each.	2 lb	3 lb 4 oz
Diameter, Inches	2	2 ½
Per Dozen	$20 00	26.65

One-half Dozen in a Box.

Cast Brass, Hardened Steel Point, Adjustable Screw in Top.

No.	68
Weight Each, Oz	11½
Diameter, Inches	1½
Per Dozen	$11 10

One-half Dozen in a Box

STANLEY'S ADJUSTABLE

With Reel and Line, Steel Point.

Each

No. 28—Bronze Metal, Polished, 4 in. Long, 1⅝ in. Diameter, Weight Each ⅝ Lb. $2.70

No. 58—Iron, Nickel Plated, 4½ in. Long, 1⅝ in. Diameter, Weight Each ⅞ Lb. 1.70

These Plumb Bobs are constructed with a reel at the upper end upon which the line may be kept By dropping the bob with a slight jerk while the ring is held in the hand any desired length of line may be reeled off A spring, which has its bearing on the reel, will check and hold the bob firmly at any point on the line The pressure of the spring may be increased or decreased by means of the screw which passes through the reel

One in a Box

Nos 28 and 58

LAMP'S MILLWRIGHT

Brass, Polished, Steel Point.

Nos.	00	0	½	1	2
Weight Each	⅝ lb.	1 lb.	1 lb. 6 oz.	2 lb.	2 lb. 4 oz
Diameter, Inches	1⅝	1⅝	2⅛	2⅝	2½
Each	$3.00	3.00	4.00	5.00	5.50

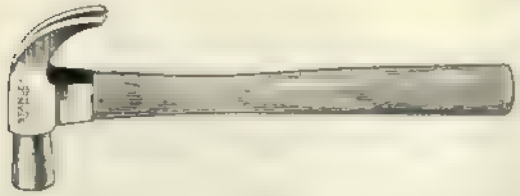
Nos.	3	4	5	6
Diameter, Inches	2⅝	2⅝	2⅞	2
Weight Each	2 lb. 10 oz.	3 lb. 2 oz	3 lb 8 oz.	4 lb 4 oz
Each	$6.00	6.50	7.00	8.00

One in a Box.

Nos 00 to 6

Nail Hammers.

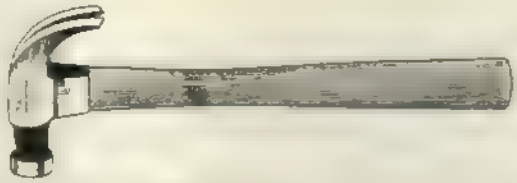
STANLEY'S



Carefully Forged Steel, Hardened and Tempered, Polished, Plain Face, Adze Eye, Hickory Handle.

Nos.	S111	S111¼	S112	S113	S114
Size	1	1½	2	3	4
Ap. Weight Each	1 lb. 4 oz.	1 lb.	13 oz.	7 oz.	5 oz
Ap. Wt. Doz., Lbs.	21	18	14	10½	6½
Per Dozen	$11.25	10.65	10.00	9.35	9 05

Weights EACH Do Not Include Handles.



Carefully Forged Steel, Hardened and Tempered, Polished, Bell Face, Adze Eye, Hickory Handle.

Nos.	S121½	S122	S122½	S123	S124
Size	1½	2	2½	3	4
Ap. Weight Each	1 lb.	13 oz.	10 oz.	7 oz	5 oz
Ap. Wt. Doz., Lbs.	17½	14	12	10½	8 2
Per Dozen	$10 65	10 00	9.70	9.35	9 05

Weights EACH Do Not Include Handles.

STANLEY'S RIPPING

Carefully Forged Steel, Hardened and Tempered, Polished, Straight Claw, Plain Face, Adze Eye, Hickory Handle.

Nos.	S211½	S212
Size	1½	2
Ap. Weight Each	1 lb.	13 oz.
Ap. Weight Per Dozen, Lbs.	18½	15½
Per Dozen	$10.65	10 00

Weights EACH Do Not Include Handles.

Carefully Forged Steel, Hardened and Tempered, Polished Straight Claw, Bell Face, Adze Eye, Hickory Handle.

Nos.	S221½	S222
Size	1½	2
Ap. Weight Each	1 lb.	13 oz.
Ap. Weight Per Dozen, Lbs.	19½	15½
Per Dozen	$10 65	10 00

Weights EACH Do Not Include Handles.

STANLEY'S

Carefully Forged Steel, Hardened and Tempered, NICKELED, Bell Face, Adze Eye, MAHOGANIZED Handle.

Nos.	SNM121¼	SNM122
Size	1½	2
Ap. Weight Each	1 lb.	13 oz
Ap. Weight Per Dozen, Lbs.	17½	14
Per Dozen	$16.75	16.25

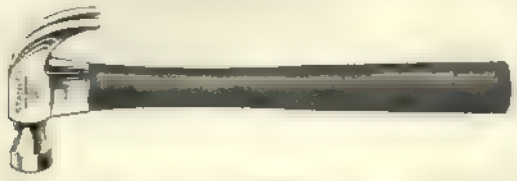
Weights EACH Do Not Include Handles.

Carefully Forged Steel, Hardened and Tempered, FULL NICKEL PLATED, Bell Face, Adze Eye, ROUND NECK, OCTAGON POLL, Hickory Handle.

Nos.	SN131½	SN132
Size	1½	2
Ap. Weight Each	1 lb.	13 oz
Ap. Weight Per Dozen, Lbs.	17½	14½
Per Dozen	$16 90	16 25

Weights EACH Do Not Include Handles.

STANLEY'S



Carefully Forged Steel, Hardened and Tempered, FULL NICKEL PLATED, Bell Face, Adze Eye, ROUND NECK, OCTAGON POLL, MAHOGANIZED Handle.

Nos.	SNM131½	SNM132
Size	1½	2
Ap. Weight Each	1 lb.	13 oz
Ap. Weight Per Dozen, Lbs.	17½	14½
Per Dozen	$18.75	18.15

Weights EACH Do Not Include Handles.

Carefully Forged Steel, Hardened and Tempered, FULL NICKEL PLATED, Bell Face, Adze Eye, OCTAGON NECK AND POLL, MAHOGANIZED Handle

Nos.	SNM141½	SNM142
Size	1½	2
Ap. Weight Each	1 lb.	13 oz.
Ap. Weight Per Dozen, Lbs.	18½	14½
Per Dozen	$18.75	18.15

Weights EACH Do Not Include Handles.

All Above, One-half Dozen in a Box

Hatchets.

PEERLESS

BENCH

Crucible Tool Steel, Gold Bronzed, Polished Head and Bit, Hickory Handle.

Nos.	P2	P3	P4
Cut, Inches	4½	5	5½
Weight Each	1 lb. 12 oz.	2 lb. 2 oz	2 lb 8 oz.
Approx. Weight Per Dozen, Lbs.	33	35	43
Per Dozen	$13.25	14.90	16 60

Nos.	P5	P6	P7
Cut, Inches	6	6½	7
Weight Each	2 lb. 14 oz.	3 lb. 4 oz.	3 lb. 12 oz.
Approx. Weight Per Dozen, Lbs	45	55	60
Per Dozen	$18.90	20.60	23.80

Weights EACH Do Not Include Handle.

One-half Dozen in a Box

SHINGLING

Crucible Tool Steel, Gold Bronzed, Polished Head and Bit, Hickory Handle.

Nos.	P11	P12	P13
Cut Inches	3½	3⅞	4⅛
Weight Each	1 lb. 1 oz.	1 lb. 7 oz.	1 lb. 13 oz.
Ap. Wt. Per Doz., Lbs.	25	30	35
Per Dozen	$9.15	9.70	10 30

Weights EACH Do Not Include Handle.

One-half Dozen in a Box.

CLAW

Crucible Tool Steel, Gold Bronzed, Polished Head and Bit, Hickory Handle.

Nos.	P21	P22	P23
Cut, Inches	3½	3⅞	4⅛
Weight Each	1 lb. 3 oz.	1 lb. 9 oz.	1 lb 15 oz
Ap. Wt. Per Doz., Lbs.	25	30	35
Per Dozen	$10.30	10.90	11 45

Weights EACH Do Not Include Handle.

One-half Dozen in a Box.

HALF

Crucible Tool Steel, Polished and Etched, Hickory Handle.

Nos.	P31P	P32P
Cut, Inches	3⅛	3½
Weight Each	15 oz.	1 lb. 5 oz
Approx. Wt. Per Dozen, Lbs	23	28
Per Dozen	$12.70	13.25

Weights EACH Do Not Include Handle.

One-half Dozen in a Box.

LATHING

Crucible Tool Steel, Gold Bronzed, Polished Head and Bit, Hickory Handle.

Nos.	P41	P42
Cut, Inches	2½	2¾
Weight Each	14 oz.	1 lb. 1 oz
Approx. Wt. Per Dozen, Lbs.	23	28
Per Dozen	$9.15	9.70

Weights EACH Do Not Include Handle.

One-half Dozen in a Box.

ADJUSTABLE IRON PLANES

STANLEY'S SIDE RABBET

Each

No. 98—4 in., Right Hand, ⅛ in. Cutter, Nickel Plated, Rosewood Knob, Weight Each ⅛ Lb. . **$1.00**

Each

No. 99—4 in., Left Hand, ⅛ in. Cutter, Nickel Plated, Rosewood Knob, Weight Each ⅛ Lb. . **$1.00**

A convenient tool for Side-rabbeting and trimming Dados, Mouldings and Grooves of all sorts. A Reversible Nose-piece will give the Tool a form by which it will work close up into corners when required.

One in a Box

STANLEY'S CABINET MAKERS' RABBET

No. 90

Nos. 92 and 93.

Adjustable Throat, Endwise Screw Adjustment, with "Hand-y" Feature.

				Each
No. 90—4	in. Long, 1	in. Cutter, Nickel Plated, Weight Each 1	Lb.	$2 20
No. 92—5½	in. Long, ⅝	in. Cutter, Nickel Plated, Weight Each 1½	Lbs.	2 20
No. 93—6½	in. Long, 1	in. Cutter, Nickel Plated, Weight Each 1¾	Lbs.	2 60

Adapted for fine cabinet or other work where extreme accuracy is required. The sides and bottom being square with each other, the plane will lie perfectly flat on either side and can be worked with either right or left hand. With the adjustable throat the width of the throat opening or mouth can be widened or narrowed as coarse or fine work may require. The "Hand-y" feature on the side forms a convenient grip for the hand.

No. 90 Plane is of the Bull Nose pattern so that it can be used close up into corners or other difficult places.

One in a Box.

STANLEY'S CABINET MAKERS' EDGE

No 97

Each

No. 97—10 in. Long, 2⅛ in. Cutter, Rosewood Knob, Endwise Screw Adjustment, Weight Each 3¾ Lbs. **$2 20**

For Piano Makers and all Cabinet Workers. Has a cutter resting on a solid bed practically its entire length. The cutting edge being located at the extreme end of the plane gives the tool the form of a chisel. No other plane can be worked in such a small space or so close up into corners.

One in a Box

STANLEY'S BUTCHERS' BLOCK

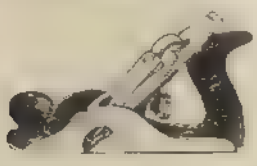
Each

No. 64—12½ in. Long, 2 in. Cutter, Complete with Extra Plane Iron, Weight Each 4 Lbs. **$2.40**

Designed especially for trueing up or resurfacing butcher blocks. The extra plane iron will enable the user to finish smooth the final surface of a block, also for planing smooth and keeping in condition the meat benches and tables ordinarily found in a butcher's establishment. With this plane blocks having the most uneven surface can be leveled up with more satisfaction than can be obtained with the use of any other tool.

One in a Box

STANLEY'S CARRIAGE MAKERS' RABBET



Each

No. 10½—9 in. Long, 2⅛ in. Cutter, Rosewood Handle and Knob, Weight Each 3 Lbs. **$2 50**

Especially designed for heavy work and framing and will be found to be an excellent tool for a wide variety of work. The Cutter is of the Double Cutter type, and is adjustable endwise and laterally.

One in a Box.

STANLEY'S SCRUB

No 40

Each

No. 40—9½ in. Long, 1¾ in. Cutter, Japanned Stock, Beechwood Handle and Knob, Weight Each 2⅛ Lbs. **$1 10**

With these Planes the user can quickly plane down to a rough dimension any board that is too wide to conveniently rip with a hand saw. This is made possible by reason of the peculiar shape of the extra heavy cutter, the cutting edge of which is rounded instead of square

One in a Box.

ADJUSTABLE IRON PLANES

STANLEY'S ADJUSTABLE CIRCULAR

Each

No. 118—10 in. Long, 1⅝ in. Cutter, Flexible Steel Face, Japanned Stock, with Graduated Scale for Setting the Face, Weight Each 3½ Lbs.....$3 00

A very superior Tool as by means of the graduated scale on the gears, the flexible face can be accurately set to work on an arch of the same circle, both concave and convex, by turning the Knob on the front of the Plane. The Cutter is adjustable endwise and laterally.

One in a Box.

STANLEY'S FLOOR

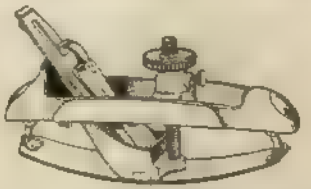
Each

No. 11½—7 in. Long, 2⅜ in. Cutter, Japanned Iron Stock, Double Hardwood Handle, Cutter Adjustable Endwise, Weight Each 4 Lbs.....$3.15

This Plane is fitted with an adjustable throat, permitting a wide or narrow mouth, according as coarse or fine work requires. It is designed for working from a kneeling position, the double handle making it an easy tool to work under such conditions.

One in a Box.

VICTOR ADJUSTABLE CIRCULAR



Each

No. 20—10 in. Long, 1⅝ in. Cutter, Flexible Steel Face, Nickel Plated Stock, Weight Each 4 Lbs. $4.10

Designed with the object of eliminating any lost motion due to wear. There are less parts subject to lost motion in this Plane than in any other Circular Plane made. The end of the Flexible Steel Bottom being fixed, and the force applied at the center, great accuracy of adjustment is possible and the Face is most firmly held in position. The Cutters are adjustable endwise and laterally

One in a Box.

STANLEY'S HANDLED FLOOR

Each

No. 74—10½ in. Long, 2⅝ in. Cutter, Japanned Iron Stock, 45 in. Hardwood Handle with Double Grips, Weight Each 21½ Lbs.....$4.95

Designed for planing floors, bowling alleys, skating rinks, decks of vessels, etc. The handle being long, permits the plane to be worked from a standing position.

One in a Box.

STANLEY'S SINGLE HANDLE VENEER SCRAPER

Each

No. 112—9 in. Long, 3 in. Cutter, Japanned Iron Stock, Rosewood Handle and Knob, Weight Each 4 Lbs.....$2.10

No. 112C Extra 3 in. Blade for No. 112 Plane..... 20

This Plane has the same form as the regular Bailey Plane and is preferred by some users to the double handle Scraper Plane. The blade is adjustable endwise and for angle, and can be firmly locked in position desired.

One in a Box.

STANLEY'S DOUBLE HANDLE VENEER SCRAPER

Each

No. 12—9½ in. Long, 3 in Cutter, Japanned Rosewood Handle with Double Grip, Weight 3¾ Lbs. $2.40

No. 12¼—6¼ in. Long, 2 in. Cutter, Otherwise Same as No. 12, Weight 2½ Lbs..... 2 00

No. 12C —Extra 3 in. Blade for No. 12 Plane.. 20

No. 12¼C—Extra 2 in. Blade for No. 12¼ Plane.. .18

The handles are of rosewood with a double grip, and, being placed across the center of the tool, give it a good balance. The blade is adjustable endwise and for angle, and can be firmly locked in position desired.

One in a Box.

Each

No. 12½—9½ in. Long, 3 in. Cutter, Japanned, Rosewood Handle with Double Grip, Rosewood Face $3.20

No. 12½C Extra 3 in. Blade for No. 12½ Plane.. .20

Same as No. 12 Scraper Plane except that it has an extra rosewood bottom. This bottom is especially adapted for use on fine work, and when worn, can be readily removed and a new one substituted.

Weight Each 4 Pounds.

One in a Box.

PORTABLE POP SAFETY VALVES

No. 2748—All Bronze, Semi-Finished, for Stationary, Portable and Marine Boilers.

Size, Inches	⅜ or ¾	1	1¼	1½
For Boiler H. P.	3 to 6	3 to 10	10 to 20	20 to 30
Weight Each, Lbs.	1½	2	3	4
Each	$8.00	10.00	12.00	15.00

Size, Inches	2	2½	3
For Boilers, H. P.	30 to 40	40 to 75	75 to 100
Weight Each, Lbs.	5	12	20
Each	$23.00	38.00	65.00

Springs can be adjusted for either high or low pressure.
Open Stock.

WHISTLE VALVES

No. 2847—All Brass, Adjustable Lever.

Size, Inches	⅜	½	¾	1
Weight Each, Lbs.	½	1¼	1½	2¼
Each	$2.00	2.50	3.00	3.50

Size, Inches	1¼	1½	2
Weight Each, Lbs.	3	4	6½
Each	$5.00	6.00	9.00

Open Stock.

STEAM WHISTLES

PLAIN

For 125 Lbs. Working Pressure.

ADJUSTABLE

No. 2840—All Brass, without Valve.

Diameter of Bell, In.	1	1¼	1½	2	2½
Size of Pipe, Inches	⅜	⅜	½	¾	¾
Weight Each, Lbs.	½	¾	1	1¾	2½
Each	$2.20	2.75	3.00	4.35	5.25

Diameter of Bell, In.	3	3½	4	5
Size of Pipe, Inches	1	1	1¼	1½
Weight Each, Lbs.	3½	5½	7½	10
Each	$7.25	9.50	12.00	19.00

Open Stock.

No. 2845—All Brass, with Adjustable Lever Valve.

Diam. Bell, Inches	1	1¼	1½	2	2½
Size of Pipe, Inches	⅜	⅜	½	¾	¾
Weight Each, Lbs.	¾	1	1½	2½	4
Each	$3.10	3.75	4.00	5.50	6.50

Diam. Bell, Inches	3	3½	4	5	6
Size of Pipe, Inches	1	1	1¼	1½	2
Weight Each, Lbs.	6	8	10	12½	15
Each	$8.50	11.50	15.00	22.50	33.00

Open Stock

JET PUMPS

BLAKESLEE

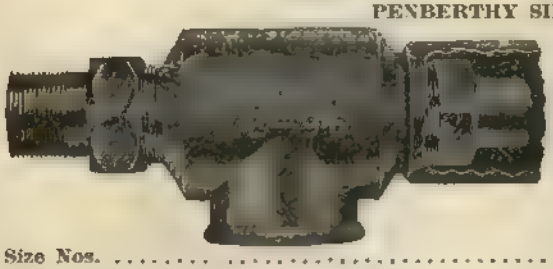
Model A—Cast Iron Body, Brass Mounted.

Size of Pump, Inches	¾	1	1¼	1½	2	2½	3
Suction Pipe, Inches	¾	1	1¼	1½	2	2½	3
Discharge Pipe, Inches	½	¾	1	1¼	1½	2	2½
Steam Pipe, Inches	⅜	½	½	¾	¾	1	1
Capacity Per Minute, Gallons.	8	15	20	30	40	50	60
Weight Each, Lbs.	4	6	8	12	18	24	33
Each	$8.00	10.00	12.00	14.00	16.00	20.00	24.00

The Blakeslee Jet Pump cannot be successfully operated with gas or air. It is a steam pump which if rightly operated, does its particular work efficiently and without failure. All parts are interchangeable. Freezing does not injure it as it is self-draining. Has no valves and cannot wear out. Pumps sandy and dirty water equally well. Entirely independent of engine.

EJECTORS

PENBERTHY SIPHONS OR STEAM JET PUMPS



XL-96—Improved Ejector, All Brass.

The results obtained by the "XL-96" Ejector makes it unquestionably the best device of its kind upon the market. With the "XL-96" we lift water 20 feet with any steam pressure above 25 lbs. and 25 feet with pressure at 40 lbs or over. In pressures above 80 lbs., steam must be throttled to get best results on a lift. Besides doing this we elevate 50 feet at 60 lbs. pressure, and 60 to 70 feet on pressures 80 to 100 lbs., 125 feet 180 lbs. pressure, no lift, by placing the ejector within 12 to 18 inches of water supply

Size Nos.	1	2	3	4	5	6
Pipe Connection, Steam	⅜	½	¾	1	1	1¼
Pipe Connection, Suction and Delivery	½	¾	1	1¼	1½	2
Capacity Per Hour, 40 to 65 Lbs. Steam, 3 Feet Lift	340	500	840	1350	1950	3500
Capacity Per Hour, 20 to 40 Lbs. and 65 to 100 Lbs.	235	450	700	1300	1850	3000
Capacity Per Hour, 50 ft. Elevation 40 to 65 Lbs., 1 ft. Lift	120	250	420	650	975	1750
Capacity Per Hour, 25 ft. Elevation 40 to 65 Lbs., 1 ft. Lift	180	375	625	950	1450	2600
Vertical Lift, 25 to 40 Lbs., and 75 to 100 Lbs., Feet	20	22	22	22	22	22
Vertical Lift, 40 to 75 Lbs., Feet	23	25	25	25	25	25
Weight Each, Boxed, Lbs.	1	1⅝	2¼	3¾	5½	8¾
Each	$8 00	10.00	15.00	20 00	25.00	35 00

One in a Box, with Full Instructions

H-D

Model C—Nos. 1 to 5, are made of all bronze; no. 6 has iron body, balance bronze; Nos. 7 and 8 have iron body and delivery connection, balance bronze; No. 9 has bronze tubes, balance iron; No. 10 has iron body, bronze tubes, all connections flanged.

This ejector will discharge the greatest quantity of water with about 50 lbs. steam pressure. It is desirable when high pressures are used to throttle the steam valve so as to reduce the steam pressure at the ejector.

The capacities given in the list below are when lifting 4 feet and elevating 4 feet cold water. The capacity of all ejectors is decreased when lift or the temperature of feed water is increased.

Nos.	1	2	3	4	5	6	7	8	9	10
Pipe Connection, Steam, Inches	⅜	½	¾	1	1¼	1¼	1½	2	2½	4
Pipe Con., Suction and Delivery, In.	½	¾	1	1¼	1½	2	2½	3	4	6
Cap. Per Hr., 50 Lb. St. Pres., Gal.	250	500	960	1300	2000	4000	8000	11000	15000	45000
Weight Each, Lbs.	1⅜	2⅛	3⅝	4¾	6¾	11¾	20⅛	30¼	58	165
Each	$8 00	10.00	15.00	20 00	25 00	35.00	45.00	55.00	70.00	175.00

One in a Box, with Full Instructions

INJECTORS

METROPOLITAN AUTOMATIC

This is a self-contained, automatic or restarting injector. It is operated entirely by one handle and does not require the manipulation of valves in the steam and suction pipes for different steam pressures, a feature which makes it particularly desirable where the injector is operated frequently. This result is obtained by a sliding steam nozzle. It is absolutely automatic and will restart after an interruption of the water supply and is therefore well adapted for service on traction or portable engines or where the injector is subjected to severe jars.

Model N—Solid Bronze, Rough Body, Finished Trimmings.

Number	Size of all Pipe Connections Inches	Size of Overflow Inches	Capacity per Hour 80 Lbs Steam Pressure 2-Ft Lift Gals.	Horse Power Water Tube Boiler, Basis 7½ Gals. Water per H. P per Hour*	Horse Power, Ordinary Tubular Boiler Basis, 30 Lbs Water per H. P per Hour*	Weight Each Pounds	Each
2	⅜	¾	60	4 to 6	5 to 8	3½	$ 15.00
3	⅜	¾	80	6 to 8	8 to 12	3½	16 00
3½	½	¾	120	8 to 15	12 to 20	4⅛	18.00
4	½	¾	165	15 to 20	20 to 28	4⅛	20.00
5	¾	1	250	20 to 30	28 to 40	6¾	25.00
6	¾	1	350	30 to 45	40 to 55	6¾	30.00
7	1	1¼	500	45 to 65	55 to 80	10⅛	40.00
8	1	1½	600	65 to 80	80 to 110	10⅛	45.00
9	1¼	1½	800	80 to 100	110 to 145	17¼	55.00
10	1¼	1¼	1000	100 to 130	145 to 180	17¼	60.00
11	1½	2	1300	130 to 170	180 to 235	27½	75.00
12	1½	2	1750	170 to 230	235 to 300	27½	90.00
13	2	2½	2300	230 to 300	300 to 400	47	110.00
14	2	2½	2850	300 to 375	400 to 500	47	125.00

*These horse power ratings are approximately 30 per cent below those based on actual capacities in gallons per hour

Note—A flat strainer is furnished with Nos. 2 to 10.

One in a Box, with Full Instructions.

MURINE EYE REMEDIES

As Optical Aids

Have Stood the Test of Time and Criticism

Retail List

No.	Retail Per Bottle		Per Dozen
A	$0.25	Murine Eye Remedy—Liquid—Trial Size	$ 6.70
B	.50	Murine Eye Remedy—Liquid—Standard Size	13 35
C	1.00	Murine Eye Remedy—Liquid—Dollar Size	26.70
D	1.25	Murine Eye Remedy—Liquid—Tourist-Autoist—Leather Case, Patent Stopple	26 70
E	1.25	Murine Eye Remedy—Liquid—De Luxe Toilet Tonic—Lubin Bottle, Patent Stopple	26.70
F	2.50	Murine Eye Remedy—Liquid—Filler—Amber or Opaque Shelf Bottle	80 00
G	5.00	Murine Eye Remedy—Liquid—Physicians'—(Half) Opaque Shelf Bottle	160.00
H	8.00	Murine Eye Remedy—Liquid—Physicians' or Hospital—(Full) Opaque Shelf Bottle	240.00
I	1.00	Murine Eye Remedy—Liquid—Physicians' Trial—Opaque	26 70
J	.25	Murine Eye Salve—In Aseptic Tubes—Small	6 70
K	.50	Murine Eye Salve—In Aseptic Tubes—Regular	13 35
L	1.00	Murine Eye Salve—In Aseptic Tubes—Dollar	26.70
M	1.50	Granuline—In Opaque Bottle	36.00
N	1.25	Banene—Tablets	30 00
O	.50	Little Lavender Laxatives	13 35
Z	.10	Zam-Zam Candy Laxative Lozenges	2 00
ZZ	.25	Zam-Zam Candy Laxative Lozenges—For Retailers	5 00
ZZZ	.50	Zam-Zam Candy Laxative Lozenges—Extensively Advertised	10.00

No. E. Retail $1.25
Handsome Toilet Bottle

Nos. J, K and L.
Murine Eye Salve
25c. 50c. $1.00 Sizes
Doz. $6.70, 13.35, 26.70

Nos. B & C
Retail 50c, $1.00
Doz. $13.35, $26.70

Murine

Of Special Value to the Refractionist as an Aid in Reducing an Inflamed Eye to its Normal Condition preparatory to its proper Measurement for Glasses; Clears the Transparent Media and Obviates the use of a Mydriatic.

Murine is also of great value as a Domestic Eye Remedy in the Treatment of Red, Sore, Inflamed, Weak, Watery, Eyes.

Murine Eye Salve

A Treatment for Diseases of the Eyelids, but more especially indicated in Cases of Falling Eye Lashes, Styes, Cysts and Ulcers on the Eyelids.

It is a most Soothing Preparation when the Eye feels Dry and Smarts.

Granuline

For Application in Old and Chronic Cases of Eye Trouble which have resisted ordinary methods, and where a more positive and rapid action is desired. For Chronic Granulation, Trachoma, Spots, Scums and Opacities. *A Valuable Collateral Treatment with Murine.*

Banene

Internal Treatment Collateral to Applications of Murine Eye Remedy. Should be in the hands of every Eye Specialist, Refractionist and Individual who Wears Glasses. Administered for stimulating the Circulation of the Blood Supply Nourishing the Eye, clearing the Retina of Congestion, Flosting Spots, Dim Vision, etc.

Banene and Murine have frequently rendered a Cloudy Lens transparent; are honestly recommended, Inexpensive, Harmless, and should be patiently tried before resorting to Operating Measures. For more full description, you are referred to our numerous Books issued both to the Profession and to the Laity.

We call especial attention to the Professional Surroundings of the Murine Preparations as compared to the Ordinary Commercial Eye Waters. Further Comment should be unnecessary to those in a position to appreciate the Delicacy of that Intricate Organ of Sight.

Imprinted Optical Booklets, Leaflets, Lantern Slides with your address, etc., furnished upon Application.

Shipping Case
12—1 doz. boxes

Nos. G & H
Hospital
$5 00 and $8.00 Sizes
Doz.
$180.00 and $240 00

No. D.
Murine
Retail $1.25
Tourist-Autoist Leather Case

No. M
Granuline
$1.50 Size
Doz.
$36 00

No. N
Banene
$1 25 Size
Doz.
$30.00

Little Lavender Laxine Pellets

Laxative

An Aid to Local Eye Treatment

Useful in connection with other Murine Eye Remedies in cases where Constipation exists or where more perfect Elimination is desirable.

Its purpose is to Regulate the Bowels by Toning the Liver into Healthy Action.

A Torpid Liver and Constipation frequently act as a contributing cause to Eye Disorders and retard the improvement of others.

Floating Spots, Webs and Chains before the Vision are often caused by Imperfect Liver Action.

Not alone the Eyes but many other organs of the body as well suffer from an inactive Liver and Constipation.

Retail 10c 25c 50c

Zam-Zam

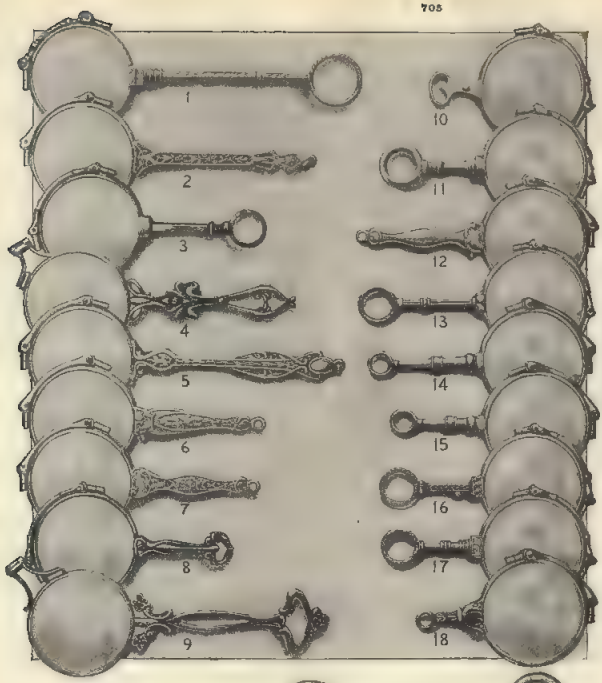
The Ideal Mild Candy Laxative

As Delicious to the Taste as a

WINTERGREEN LOZENGE

The Medication is most Modern and combined with the Candy form is highly commended by many Physicians.

Try Zam-Zam for Constipation, Headache, Indigestion, Lazy Liver, Loss of Appetite, Sallow Complexion and Pimples.



Lorgnettes

Prices Each

No	Style	Material	Length	Each
1801	1	Silver	3 in	$20.00
1802	2	"	4½ "	16.70
1803	5	"	4½ "	15.40
1804	4	French Gray	4 "	15.00
1805	3	Gilded Polish	3¼ "	20.00
1806	6	Silver	3-6 "	18.40
1807	7	"	3-6 "	18.40
1808	8	Roman Gold	3 "	20.00
1809	9	Fancy French Gray	4½ "	16.67
1810	10	Silver	3¾ "	15.84
1811	11	"	3¾ "	15.84
1812	12	"	3½ "	12.50
1813	13	"	3½ "	18.40
1814	14	"	3½ "	11.70
1815	15	"	3 "	10.00
1816	16	"	3 "	19.20
1817	17	"	3¼ "	18.40
1818	18	French Gray	3¾ "	12.50
1819	16	Gun Metal	3 "	10.00
1820	15	" "	3½ "	11.70
1821	8	14K Gold	3¾ "	45.90
1822	10	" "	3¼ "	49.50
1823	5	" "	3½ "	67.50
1824	16	" "	3¾ "	51.34

The above sterling silver lorgnettes can be supplied in gold plated for $2.00 extra.

Lenses for above are not carried in stock, but ground up to order as prescriptions, and cannot be returned for credit. Prices on application.

Assortments of frames will be sent on memorandum when desired

As the styles in lorgnettes vary so much it is not always possible to supply the exact design illustrated, and where this is not possible we will send the nearest possible

American Made Compasses

No. 2914 **GYDAWL COMPASS**

For a low priced compass in a hunter style case the Gydawl cannot be beaten The needle is of the flat, half-blued steel type—just the same as in the Leedawl—has a jeweled center and a stop which automatically lifts the needle off the steel steel point on which it operates, directly the case is closed This means practically everlasting life to the compass for it will always remain delicate and sensitive as long as the needle is lifted off the center when not in use The dial is of untarnishable silver metal

Gydawl compasses in thin model, white metal hunter case, strongly hinged.

Per dozen $63.34

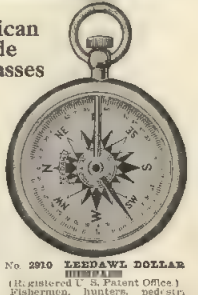
No. 2915 **AURAPOLE COMPASS**

In the selection of a compass, many people prefer styles having needles of "bar" pattern to those of flat design, as used in the Gydawl and Leedawl instruments bar needles are to be preferred first on account of their extreme sensitiveness, secondly because they can be magnetized much more strongly, and thirdly because they can retain their magnetism longer and finer)

The needles of Aurapole compasses are heavily magnetized delicately balanced and are extremely sensitive. Centers are jeweled and a stop lifts the needle off the center point when lid of case is closed. Dial is of aluminum.

Aurapole compasses in thin model, white metal hunter case, strongly hinged.

Per dozen $73.34



No. 2910 **LEEDAWL DOLLAR COMPASS**

(Registered U. S. Patent Office.)

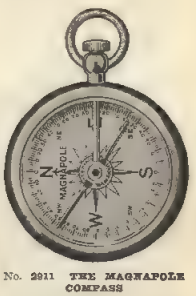
Fishermen, hunters, pedestrians, motorcyclists automobilists travelers, tourists, boy scouts, campers, sailors, woodsmen, farmers—in fact, almost everyone—appreciates a good compass.

The trouble has been that good compasses cost too much for many to afford, and cheap ones were "trash."

The Leedawl Dollar Compass solves the problem of a guaranteed one at a price within the reach of everyone.

Its jeweled needle, untarnishable silvered metal dial heavy and tempered steel point, screw stop (no dirt or moisture can get inside with this style or stop) white-metal case (which cannot tarnish) and snap-in beveled crystal glass are features that cannot be found in any other compass selling at this price.

Per dozen $30.00



No. 2911 **THE MAGNAPOLE COMPASS**

(Registered U. S. Patent Office.)

The Magnapole is the limit of perfection in the open face style of compass with bar needle

The solid and delicate bar needle of the Magnapole is carefully magnetized and tempered, so that it will retain its magnetism indefinitely making it permanently accurate and guaranteed compass

The jeweled center is carefully adjusted and with care will last a lifetime, while the white enamel dial enables the divisions and figures to be easily read

The improved idea of lifting the needle off the point when not in use also prevents dust and moisture getting to the inside, making a thoroughly accurate and guaranteed instrument at a price within the reach of all

Per dozen $40.00

SINGLE SHOT RIFLES

STEVENS FAVORITE

Take Down, Lever Action.

Solid Breech block, Blued Frame, Oiled Walnut Full Oval Stock and Fore Arm, Regular Shot Gun Butt, Rubber Butt Plate, Single Trigger, Rocky Mountain Front and Sporting Rear Sights. Each

No. 27— 22 Caliber, Automatic Ejector, 24 in. Full Octagon Barrel, Chambered for 22 Short, Long and Long Rifle Cartridges, Weight 4½ Lbs. ..... $.

No. 17 —Same as No. 27, but with 24 in. Round Barrel. . . . . .

No. 17–32—32 Caliber, Plain Extractor, 24 in. Round Barrel, Chambered for 32 Long Rim Fire Cartridges . .

STEVENS CRACK SHOT

Take Down.

Blued Frame, Oiled Walnut Stock and Fore Arm, Carbine Butt Plate, Single Trigger, Knife Blade Front and Open Rear Sights, Especially Designed for Smokeless Powder Cartridges. Each

No. 20 22 Caliber, 18 in. Round Steel Barrel Chambered to Shoot C. B. Caps .22 Short, Long and Long Rifle R. F. Cartridges, Weight 3¼ Lbs. ..... $

STEVENS LITTLE SCOUT

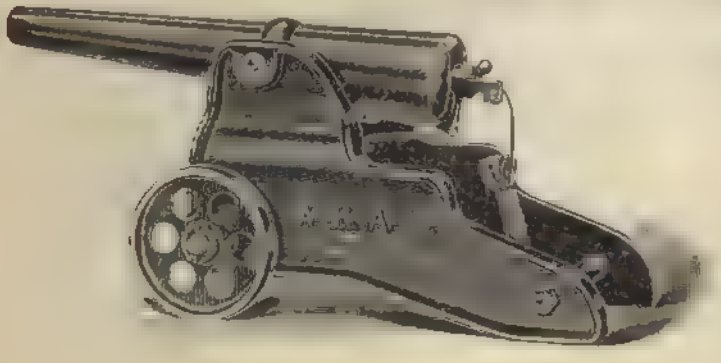
Take Down, Horizontal Extractor.

Case Hardened Frame, Oiled Walnut Stock, Blued Steel Butt Plate, Open Rear and German Silver Knife Edge Front Sight. Each

No. 14½— 22 Caliber, 18 in. Round Steel Barrel, Chambered for 22 Short, Long and Long Rifle R. F. Cartridges Weight 2⅝ Lbs. ..... $

WINCHESTER BREECH LOADING CANNON

FOR SALUTING AND CELEBRATING



Shoots 10 Gauge Black Powder Loaded Shells.

Each

No. 100—10 Gauge, 12 in. Tapered Cold Rolled Blued Steel Barrel, Cylinder Bored. Cast Iron Carriage, Two Heavy Wheels 3⅝ in. Diameter, Nicely Japanned. Length of Cannon Over All 17 in., Height 7¼ in., Width 7 in. ..... $ ....

Weight About 14 Pounds.

Per 1000

Blank Shells—10 Gauge, 8 Drams of Black Powder ..... $ . .

This cannon has been designed to supply a general demand for a low priced breech-loading cannon possessing safety, simplicity of construction.

REPEATING RIFLES

SAVAGE .22 CALIBER HI-POWER, MODEL 1899

Velocity 2800 Feet Per Second.

Featherweight Take Down Style Only.

Same General Description as the Regular Featherweight Model. This Rifle, Better Known as **"The Imp."** was the First Strictly Sporting Rifle of High Concentration to Appear.

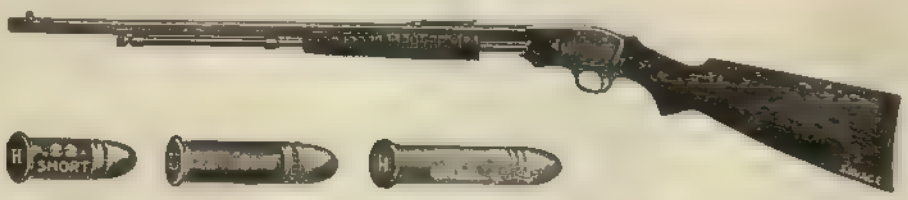
Each

No. 22HP—.22 Caliber, 20 in. Tapered Hi-Pressure Round Steel Barrel, Weight 6 Lbs. 8 Oz . . . . . $. .

This Rifle shoots a 70 grain soft nose spitzen bullet at a velocity of 2800 feet per second. Its point blank range is over 200 yards. It is exceedingly accurate and its recoil is very light.

Particularly adapted for shooting woodchucks, coyotes, foxes, etc., at long and unknown ranges and its superiority for this purpose has made it especially popular with rangers of the United States Forest Service, Government hunters on the National Reserves, etc.

SAVAGE MODEL 1914



Hammerless, Take Down, Tube Magazine.

Hi-Pressure Steel Barrel, Solid Breech, Solid Top, Side Ejection, Trombone Action, American Walnut Stock, Extra Long Action Slide Handle, Extra Full Pistol Grip, Corrugated Steel Butt Plate.

Each

No. 1914—22 Caliber, 24 in. Octagon Steel Barrel, Weight About 6¾ Lbs. . . . . $

Capacity of Magazine—Twenty Short, Seventeen Long, or Fifteen Long Rifle R. F. Cartridges.

This is the celebrated .22 Savage Tubular Magazine Rifle, which Mr. T. K. Lee, the international small bore rifle shot says, shoots finer than he can hold. It has all the original Savage .22 Caliber features. Has shotgun type safety on top of tang, convenient, simple and durable take down device, breech bolt removable without tools.

For the most accurate results the best and most accurate ammunition should be used—the .22 long rifle cartridge as loaded with Lesmok or Semi-Smokeless powder.

SINGLE SHOT RIFLES

SAVAGE MODEL 1904

Take Down, Automatic Ejector.

Bolt Action, Full Form, Genuine American Walnut Stock, Shot Gun Butt, Steel Butt Plate, Bead Front and Adjustable Rear Sight, Shoots .22 Short, Long and Long Rifle Cartridges.

Each

No. 1904—.22 Caliber, 18 in. Round Steel Barrel, Weight 3 Lbs. . . . . $.

For the best results use the .22 Long Rifle Lesmok or Semi-Smokeless Cartridges.

The breech bolt is instantly removable without tools, permitting cleaning from the breech and examining the barrel from either end.

Let Your Customers Know You Handle the Genuine Walworth "Stillson": Show Them.

Their reputation will help sell them. For nearly half a century they have been recognized as the leaders among wrenches. Consequently they have been imitated but never equaled.

In the "Stillson," that is the "Genuine Walworth Stillson," there are only four parts—a jaw, a frame, a nut and a bar. For simplicity and service there is nothing like the "Genuine Walworth Stillson." Our circulars will show why. Write your jobber for particulars. THE DIAMOND TRADE MARK IS YOUR GUARANTEE.

Width at Base, 14 inches
Height, 10½ inches

Walworth Mfg. Co.

Makers of Stillson Wrenches Since 1868

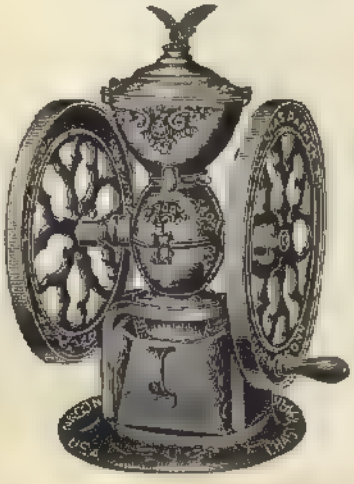
Boston

New York Branch: 13-21 Cliff St.
Chicago Branch: 11-17 So. Des Plaines St.

ALSO MAKERS OF "WALCO HEX" AND WALWORTH-PARMELEE WRENCHES.

TRADE MARK STILLSON REGISTERED U.S. PAT. OFF.

PARKERS Ball-Bearing, Rapid Grinding COFFEE—SPICE—DRUG MILLS



need no introduction after over 70 years manufacturing these mills.

They excel any mill offered the Trade as they are recognized as the

Best in the Market

We call especial attention to the Construction, Design and Finish of these Mills. They are bolted and riveted in the most thorough manner, insuring durability and firmness. The designs and contour are artistic and graceful, the finish attractive and pleasing to the eye.

Each row of teeth in the grinders interlock perfectly, thus enabling the operator to obtain any desired result as to fineness from the whole grain to pulverized dust.

Send today for descriptive catalogue

The Charles Parker Company, Meriden, Conn.

G.W. HUNTLEY & CO. CHICAGO

Fine Imported Cabinet and Novelty Clocks

PRICES EACH

1863 1916

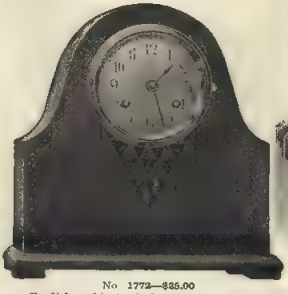
No. 6770 **FOLKESTONE—$36.65**
Quarter-hour strike mantle clock.
(Junghans)
Genuine mahogany case
Marqueterie inlay
Height 13 inches. Width 9 inches.
Silver plated dial 5½ inches
Convex beveled glass
Eight-day movement, striking the quarter-hour and hour on two gongs

No. 6548 **ELEGANT—$16.65**
Swing clock gilt
Suspended on beveled bar
Excellent timekeeper
The clock having no pendulum spring, it is absolutely insensible to atmosphere influence
Bronze figure Patina on ebonized wooden base.
Height 14 inches.
Two-inch porcelain dial
Eight-day time.

No. 6773 **OLDHAM—$39.20**
Quarter-hour strike mantle clock.
(Junghans)
Genuine mahogany case.
Marqueterie inlay
Height 14 inches. Width 9 inches.
Silver plated dial, 5½ inches
Convex beveled glass
Eight-day movement striking the quarter-hour and hour on two gongs

No. 1770 **ENGLISH CABINET CLOCK—$25.00**

Genuine bird's-eye maple case height 10 inches, width 6 inches, porcelain dial 3½ inches, eight-day, half-hour strike gong



No. 1772—$35.00

English cabinet clock; genuine mahogany case, inlaid with ebony and pearl height 6¾ inches, width 6 inches, porcelain dial 3⅝ inches, eight-day, half-hour strike gong

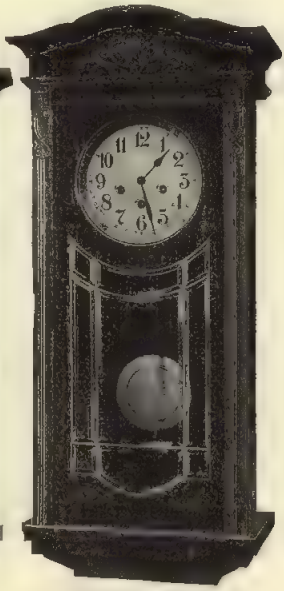
No. 510 **AUSTRIA—$40.00**
Quarter-hour strike mantle clock.
(Junghans)
Genuine mahogany case.
Height 12 inches. Width 10 inches.
Silver plated dial, 5½ inches.
Convex beveled glass.
Eight-day movement, striking the quarter-hour and hour on two gongs.

G.W. HUNTLEY CHICAGO

Imported Westminster Chime Regulators

PRICES EACH

1863 1916



NIAGARA

Westminster chime regulator, genuine mahogany or oak case, height, 30 inches; width, 11 inches; round silver plated dial, 8 inches; door with beveled glass, full Westminster chime on five tube staffs with eight hammers, eight-day, quarter-strike movement.

No. **600** Niagara, mahogany **$62.35**
No **599** Niagara, oak **$56.85**

No. **568** **NEWFOUNDLAND—$100.85**

Westminster Chime Regulator
GENUINE MAHOGANY CASE

Height, 34 inches; width, 13 inches; silver plated dial, 8 inches with raised numerals; door inlaid with beveled glass.

FULL WESTMINSTER CHIME ON FIVE TUBE-STAFFS

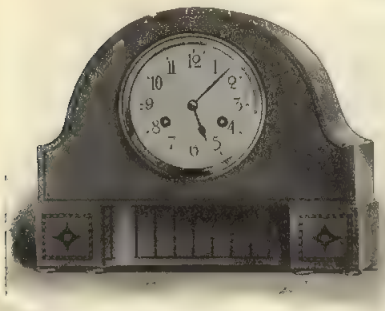
Eight-day, quarter-strike movement.

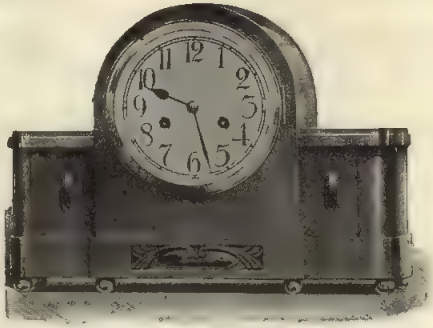
No. **599** **ABASIA—$83.35**

Westminster chime regulator, genuine mahogany case, height 32 inches, width, 14 inches; round silver plated dial, 8 inches, door inlaid with beveled glass, full, Westminster chime on five tube staffs with eight hammers; eight day, quarter-strike movement.

Fine Imported Cabinet Clocks

PRICES EACH





No. **7139** **GIOCONDA—$41.70**

English cabinet clock, mahogany case, inlaid with genuine Intarsien, height 19½ inches; width, 13 inches; porcelain dial 5½ inches; fourteen day, half hour strike gong.

No. **7132** **NYANZA—$40.00**

English cabinet clock, mahogany case, height 11 inches, width, 15 inches; silver plated dial 6½ inches, solid brass bezel, convex beveled glass, fourteen day, half-hour strike gong

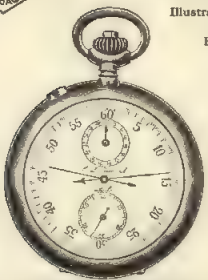
G.W. HUNTLEY & CO. CHICAGO

Fine Swiss Repeaters, Split and Sweep Second Timers and Chronographs

1863 1916

Illustrations Show the Exact Size Prices Each

All Prices on Swiss Watches are Subject to Change Without Notice



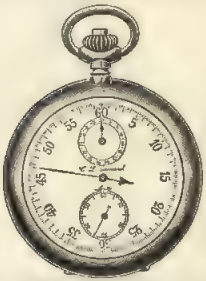
G. L. GUINAND'S SPLIT FIFTH-SECOND HORSE TIMERS, 30-MINUTE REGISTER

High grade, nickel, 7 jeweled lever movement, running of movement does not stop in operating hands. Thoroughly reliable, best on the market.

No 3521 Nickel bassine case..... $ 65.70
No. 3522 Gun metal case 67.95
No 3523 Gold filled, 25 years warranted bassine case 109.25

Guinand split timers furnished with high-grade 15 jewel movement.

Nickel or gun metal case $3.50 additional



GUINAND HIGH GRADE TIMER

Extra quality, nickel, jeweled lever movement, fifth-second, 30 minute register.

No. 3530 Nickel case, 7 jewels..... $35.00
No 3531 Nickel case 15 jewels..... 41.45

JOCKEY CLUB HIGH GRADE TIMER

No 3532 Nickel case, 7 jewels..... $35.00

"THE RACER"

Jeweled cylinder movement, 30 minute register, fifth-second, start, stop and fly back from crown

No 3689 Solid nickel case..... $14.15

JEROME PARK CHRONOGRAPHS WITH 30-MINUTE REGISTER, NEW THIN MODEL

Beats 1-5 second, start, stop and fly back, fine nickel lever movements.

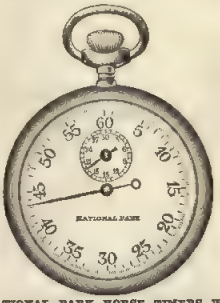
No. 3524 Nickel case, 15 jewels..... $45.90
No. 3525 Gun metal case, 15 jewels... 48.15
No. 3526 Sterling silver case, 15 jewels 54.85

Chronographs as above, with 7 jewels, less 6.65

NATIONAL PARK CHRONOGRAPHS 30-MINUTE REGISTER

Gold filled case, antique bow, 25-year guarantee, plain or engine turned, fine nickel lever movement.

No. 3527 15 jewels $98.30



NATIONAL PARK HORSE TIMERS WITH 30-MINUTE REGISTER AND FIFTH-SECOND JEWELED LEVER MOVT

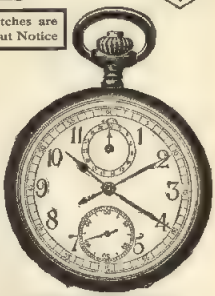
Thin model. Best in the market

No. 3533 With nickel case..... $18.15
No. 3534 With gun metal case 19.25
No. 3535 Jockey Club, nickel case 18.50

TIMER FOR ALL SPORTS

Can be used for foot-ball, track events, hockey, etc. Nickel jeweled lever movement, 1-5 second, 30-minute register, starts stops and starts without flying back or will fly back when desired.

No. 3540 Nickel case $26.05



NAMELESS CHRONOGRAPH

16 size, full bassine screw back and bezel, plain polished case, fitted with extra fine 17 jewel nickel non-magnetic lever movement, quick train, Breguet hair spring, stem wind, pendant set, 1-5 second marginals, 30-minute register, start, stop and fly back from stem

No. 3528 Solid nickel case..... $78.75
No. 3529 20 year gold filled plain polished case $8.55

NATIONAL PARK HORSE TIMER WITH 30-MINUTE REGISTER, FIFTH-SECOND

Jewel cylinder movement, fifth-second, Start, stop and fly back from crown.

No 3536 National park, nickel case. $16.45
No 3537 Trotter, gun metal case.... 17.55
No 3538 Nameless nickel case..... 15.75

DECIMAL TIMER

Specially effective for observation where the minimum fraction of a second is required. Fifth-second, 30-minute register, start, stop and fly back from crown; side push for stopping and starting again, nickel jeweled lever movement.

No 3541 Nickel case $26.05

G.W. HUNTLEY & CO. CHICAGO

American Low Price S. W. Watches

Prices Each

1863 1916

18-size open face, 7 oz., screw back and bezel nickel case gain polished or will subject engraved designs. Complete with New Era movement American jeweled nickel, ¾ plate stem wind and

No. 3542 Complete $7.00
No. 3543 With No. 65 N. Y. Standard 7 jewel nickel movement..... 7.90

18 size open face, 2 oz., screw back and bezel, nickel case, plain polished antique bow and gilt crown. Fitted complete with New Era movement. American jeweled nickel ¾ plate stem wind hard enamel dial

No. 3544 Complete $7.00
With No. 65 N. Y. Standard 7 jewel nickel movement

No. 3545 Pendant setting, complete.... 7.90

16-SIZE, NICKEL, 3-OZ., COMPLETE WATCH

Open face 18 size, screw back and bezel, plain nickel case, weight 3 oz., dust proof crown gilded reflector, fitted with a good 7-jewel nickel lever movement pendant set, Leavy Arabic figured white enamel pressed dial as illustrated. Guaranteed ..... .

No. 3546 Complete $9.80

SILVERODE, COMPLETE

Open face, 16 size, new thin model, screw back and bezel, plain case with American jeweled nickel movement, named Perfection

No. 3547 Pendant set..... $7.00
Same style case with N. Y. Standard 7-jewel movement.

No. 3548 Pendant set..... 8.65

12 SIZE SILVERODE, COMPLETE

Open face, 12 size, screw back and bezel case, plain polished; fitted complete with Progress American nickel lever jeweled movement

No. 3549 Complete $7.00

16-SIZE, THE ALWAYS RIGHT

Nickel plated, plain center case, heavy bevel crystal, new thin model; the best stem wind and stem set watch on the market; warranted by maker for one year.

Heavy Arabic or Roman dial.

No. 3550 Price, each $2.30
In lots of 12 or more, each .. 2.20
In lots of 25 or more, each.. 2.10
In lots of 50 or more, each .. 2.00

We furnish The Always Right Watch with fancy decorated dials.

16-SIZE, NEW CHRONOMETER

Nickel plated, stem wind and stem set, plain center case; the best and most satisfactory new thin model watch made for the money, guaranteed for one year by a well-known manufacturer

No. 3551 Price, each $2.30
In lots of 12 or more, each .. 2.20
In lots of 25 or more, each.. 2.10
In lots of 50 or more, each.. 2.00

ANSONIA CHAUFFEUR

Nickel, snap back and bezel case stem wind and pendant set.

No. 3552 18 size each .. $2.30

Furnished in heavy Arabic or Roman figured dial.

ANSONIA MENTOR

Nickel, snap back and bezel case, stem wind and pendant set. Roman or Arabic figure.

No. 3553 16-size, each..... $2.30

Ansonia watches in lots of 50 or more 10 cents each less than prices quoted.

ANSONIA ASCOT

12-size, nickel case, snap back and bezel, nickel movement, pendant set, stem wind.

No. 3554 White dial, each..$4.25

THE ELITE

12-size, solid German silver case fancy engraved back, snap back and bezel and engine bow, nickel movement, stem wind and set

No. 3555 Each $4.60

Solid composition gilt metal case, resembling gold.

No. 3556 Each $4.30

Plain cases furnished in either metal when no design desired. Guaranteed by New Haven Clock Co.

Tobacco Hatchets.

EDGERTON

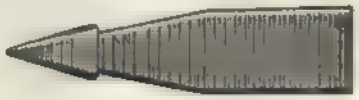
Round Eye.

	Per Dozen
No. 10—Cast Steel Blade, 20 in. Selected Wood Handle	$6.15

Weight Per Dozen About 10½ Pounds.

One Dozen in a Box.

Tobacco Spuds.



Tin Ferrule.

	Per Dozen
No. 1—Tinned Steel Point	$4.50

Weight Per Dozen About 3½ Pounds

One Dozen in a Box

Band Knives.

Meriden.

	Per Dozen
No. 1—Steel Blade, Sickle Edge, Riveted Handle	$8 00

Weight Per Dozen About 3 Pounds

One-half Dozen in a Box.

Hay Knives.

Heath Pattern.

	Per Dozen
No. 50—Oil Tempered Cast Steel Sectional Knives, Riveted to Steel Blade, Malleable Iron D Handle, with Step	$13.35

Weight Per Dozen About 60 Pounds.

One Dozen in a Box

Hay Knives.

WEYMOUTH

Wood Handles.

	Per Dozen
No. 30—Solid Steel Blade	$15 60

Weight Per Dozen About 60 Pounds.

One Dozen in a Box

BROOKS'

Wood Handles.

	Per Dozen
No. 20—Corrugated Solid Steel Blade	$17.80

Weight Per Dozen About 56 Pounds

One Dozen in a Box

IWAN'S

Adjustable Iron Handles, Wood Inlaid.

	Per Dozen
No. 40—Cast Steel Sectional Blades, Sickle Edges	$17 20

Weight Per Dozen About 78 Pounds
One-half Dozen in a Box

	Per Dozen
Extra Point Sections—For No. 40 Iwan's Hay Knives	$4.00
Extra Middle Sections—For No. 40 Iwan's Hay Knives	$.35

SPEAR POINT

Wood Handle.

	Per Dozen
No. 374—Cast Steel Blade	$21 35

Weight Per Dozen About 81 Pounds.

One-half Dozen in Straw

Hedge Shears.

Wood Handles. Per Pair

No. 101—9 in. Cut, Notched Cast Steel Blades.....$2.50
Weight Per Pair About 3 Pounds
One Pair in a Package

Hedge Trimmers.

Cast Steel Blade. Per Dozen

No. 2—18 in Blade, Blue Finish, 3 in. Solid Steel Ferrule, 20 in. White Hickory Handle, Riveted $18.35
Weight Per Dozen About 48 Pounds.
One-half Dozen in a Bundle

Bush Hooks.

Cast Steel Blade, Bronzed. Per Dozen

No. 5—Light, Axe Handle. Weight Per Dozen About 36 Lbs $14.50
No. 15—Heavy, Axe Handle, Weight Per Dozen About 49 Lbs. 19.45
One-half Dozen in a Bundle.

Grape Shears.

Japanned Handles. Per Dozen

No. 5414—6½ in Long, Solid Steel Blade and Hook, Riveted, Blued Volute Spring..... $5 60
Weight Per Dozen About 3½ Pounds.
One Dozen in a Box.

Pruning Shears.

Extra Fine Tool Steel Blades. Per Dozen

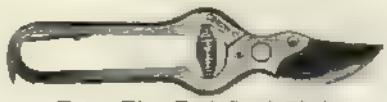
No. E5417—[illegible] 9 in Long, Full Polished Blades and Handles, Regulating Ratchet Nut on Bolt, Longitudinal Double Bronze Spring, All Parts Interchangeable, Complete with One Extra Blade $17 80
Weight Per Dozen About 14 Pounds
One-half Dozen in a Box.

Extra Fine Tool Steel Blades. Per Dozen

No. E5418—[illegible] 8 in Long, Full Polished Blades and Handles, Bolt with Lock Nut, Longitudinal Double Bronze Spring..... $12 25
Weight Per Dozen About 12½ Pounds.
One-half Dozen in a Box.

Ladies' Floral, Extra Fine Tool Steel Blades.
Per Dozen

No. E5419—[illegible], 6 in Long, Full Polished Blades and Handles, Bolt with Lock Nut, Blued Volute Spring $11.15
Weight Per Dozen About 8 Pounds.
One-half Dozen in a Box.



Extra Fine Tool Steel Blades.
Per Dozen

No. E5422—[illegible], 9 in Long, Full Polished Blades, Japanned Handles, Bolt with Lock Nut, Blued Volute Spring..... $7 80
Weight Per Dozen About 12½ Pounds.
One-half Dozen in a Box

Connecticut Pattern.
Per Dozen

No. 9—8 in. Long, Malleable Iron Loop Handle, Japanned Ring Clasp, Polished Steel Blades, Brass Coil Spring $7 25
Weight Per Dozen About 11 Pounds
One-half Dozen in a Box.

Connecticut Pattern.
Per Dozen

No. 1—9 in. Long, Malleable Iron Handles, Polished Steel Blades, Flat Brass Springs..$5.60
Weight Per Dozen About 10 Pounds
One-half Dozen in a Box.

Henry's Pattern.
Per Dozen

No. 0—8 in. Long, Cast Iron Handles, Polished Steel Blades, Brass Spring $3 90
Weight Per Dozen About 10 Pounds
One-half Dozen in a Box.

BILL POSTERS' HAMMERS

ROBERTSON'S "HORSESHOE MAGNET"

Per Dozen

No. 502—5 Oz. Head, 36 in. Jointed Handle (Two 18 in. Sections), with Spring for Holding Card to Set First Tack. Nickel Plated Hammer Head and Trimmings. Weight Per Dozen 6 Lbs.....$25 00

A superior Tack Hammer on account of its utility and the strength and lasting qualities of the magnetism.

One-sixth Dozen in a Box.

TACK CLAWS

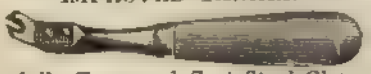
QUEEN

Per Dozen

No. 14—Patent Reinforced Crucible Steel Claw Carefully Tempered in Oil, Strong Iron Handle. Full Nickel Plated, Weight Per Dozen 2 Lbs.. $1 20

One Dozen in a Display Box.

IMPROVED YANKEE



Per Dozen

No. 39—Carefully Tempered Cast Steel Claw, Steel Shank, Nickel Plated, Polished Beechwood Handle, Weight Per Dozen 2 Lbs.....$1.20

One Dozen in a Display Box.

SAYRE

Per Dozen

No. 49—Forged Steel Claw, ⅞ in. Square Shank, Polished, Black Enameled Hardwood Handle, Steel Ferrule, Weight Per Dozen 2½ Lbs....$1 00

One Dozen in a Box.

LITTLE JACK

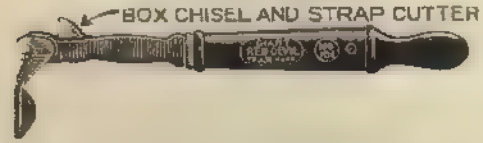
Per Dozen

No. 50—Polished Steel Jaws and Shank, Black Enameled Hardwood Handle, Steel Ferrule, Weight Per Dozen 2 Lbs $1 00

One Dozen in a Box.

NAIL PULLERS

GIANT RED DEVIL



With Box Chisel and Strap Cutter.

Per Dozen

No. 101—18 in. Long, Polished Highest Grade Forged Tool Steel Jaws, Black Japanned Oval Malleable Iron Rammer. Box Chisel Cuts Wooden or Iron Hoops, this Releases Barrel Heads Intact, Jaw Opens by Gravity, Weight is at End of Short Jaw, No Springs to Get Out of Order, One Blow with this Tool Drives the Jaws into the Hardest Wood and Delivers the Nail, Jaws Cannot Get Out of Line, Weight Each 6 Lbs $18.00

Weight Per Case 81 Pounds; One Dozen in a Case.

NAIL PULLERS

JUMBO

Per Dozen

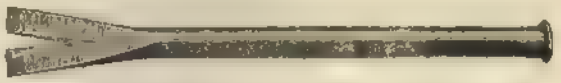
No. 57—Jumbo, 18 in. Long, Highly Polished High Grade Tool Steel Jaws and Shank, Hardened and Oil Tempered, Jet Black Enameled Iron Handle, with Hand Guard and Adjustable Joint, Net Weight Per Dozen 60 Lbs., Weight Per Case 181 Lbs..... $18 00

No. 58—Jumbo Jr., 15 in. Long, Otherwise Same as No. 57, Weight Per Case 118 Lbs..... 13.00

The claw is fastened to the shank with a bolt and nut This permits the claw being tightened when it becomes loose from wear.

Three Dozen in a Case.

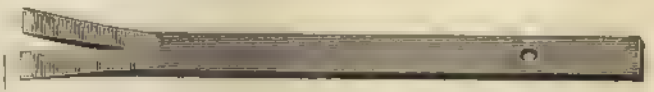
BOX CHISELS



No. 72—Wrought Iron, Steel Faced, Japanned.

Length, Inches	10	14
Weight Per Dozen, Lbs.	13	18
Per Dozen	$6.20	7.40

One-half Dozen in a Box

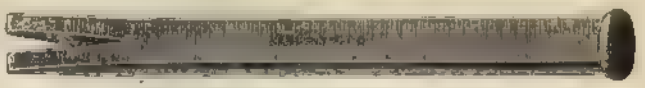


Per Dozen

No. 74—10 in. Long, Solid Cast Steel, Full Polished, Weight Per Dozen 8 Lbs.....$13.00

No. 10—13½ x ¾ x ½ in., Forged Bar Steel, Hardened and Tempered, Highly Polished, Weight Per Dozen 12 Lbs..... 6 50

One-half Dozen in a Box.

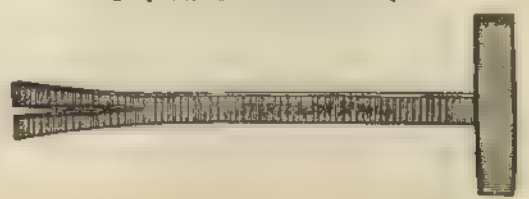


Per Dozen

No. 75—15 in. Long, Solid Cast Steel, Natural Finish, with Round Head, Weight Per Dozen 20 Lbs. $16 50

One-half Dozen in a Box.

CRATE OPENERS



Forged High Grade Tool Steel, Full Polished.

No.	1
Length Over All, Inches	8½
Weight Each, Oz.	9
Weight Per Dozen, Lbs	8
Per Dozen	$5.00

One-half Dozen in a Box.

BOX SCRAPERS

Per Dozen

No. 15—Dandy, 12½ in. Long, Blade 2 in. Wide, One Piece Forged High Grade Steel Blade and Shank, Varnished and Riveted, Oval Hardwood Handle Scales, Weight Each 20 Oz. **$18 00**

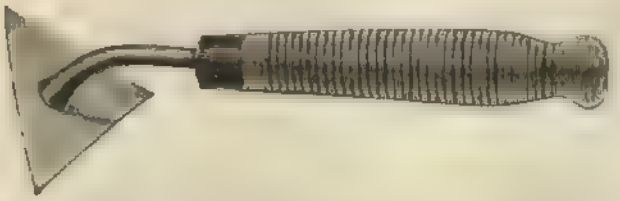
Handy and indestructible. Handle cannot be loosened or broken. The angle of blade is just right for quick work and is carefully tempered to hold its edge.

One-half Dozen in a Box.

Per Dozen

No. 72—Drop Forged Steel, Blade and Shank, Long Grooved Hardwood Handle, Weight Per Dozen 10 Lbs. **$9 00**

One-half Dozen in a Box



Per Dozen

No. 700—Drop Forged Steel Blade with Three Cutting Edges, Riveted to Malleable Iron Shank, Long Grooved Hardwood Handle, Weight Per Dozen 10 Lbs. **$5 00**

One-half Dozen in a Box

Per Dozen

No. 74—Drop Forged Steel Blade and Shanks, Polished Hardwood Handles, Steel Ferrules, Weight Per Dozen 12 Lbs. **$6.00**

One-half Dozen in a Box.

STANLEY'S ADJUSTABLE

Per Dozen

No. 70—13 in. Long, 2 in. Cast Steel Blade, Japanned Malleable Iron Frame, Maple Handle, Steel Ferrule, Weight Per Dozen 12 Lbs. **$6 00**

The face of the bottom and the edge of the cutter are slightly curved away from the center, allowing the user to scrape clean any uneven surface.

One-half Dozen in a Box.

SHIP SCRAPERS

Per Dozen

No. 1—19 in. Long, Triangular High Grade Steel Blade, ¼ in. Thick, Ashwood Handle, Galvanized Socket, Weight Per Dozen 17½ Lbs. . . . **$5.00**

Extra Blades ..... **$.35**

Handles, One Dozen in a Package; Blades, One-half Dozen in a Box.

PLUMBERS' SCRAPERS

Per Dozen

No. 87—Extra Fine Tool Steel Blade, Oil Tempered, Fastened by an Improved Method, Polished Hardwood Handle, Weight Per Dozen 6 Lbs. **$2 00**

One-half Dozen in a Box

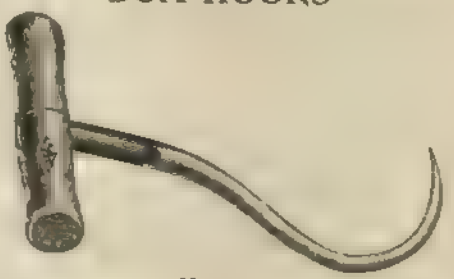
NAIL CLAWS

Per Dozen

No. 1—17 in. Long, Wrought Iron, Japanned, Weight Per Dozen 16 Lbs. **$18.50**

Open Stock.

BOX HOOKS



No. 49

No. 49—Solid Forged Steel Hook, Hardwood Handle.

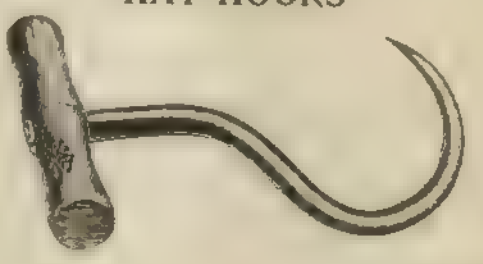
Length, Inches	7	8
Weight Per Dozen, Lbs.	6½	7½
Per Dozen	$3.50	4.00

Per Dozen

No. 269—8 in. Long, Extra Quality Steel, Hardwood Handle, Made for Heavy Work, Nicely Balanced, Swelled on the Hook, a Special Handy and Strong Tool Throughout. **$4.25**

One-half Dozen in a Box.

HAY HOOKS



Per Dozen

No. 58—Extra Heavy, Solid Forged Steel Hook, Hardwood Handle, Weight Per Dozen 7 Lbs. . . . **$4 00**

One-half Dozen in a Box.

G.W. HUNTLEY © CHICAGO

High Grade Quadruple Plated Nickel Silverware

1863 1915

These goods are 18% Nickel Silver, Quadruple Silver Plate and Silver Soldered, thereby making them more durable than any other goods on the market. Prices each

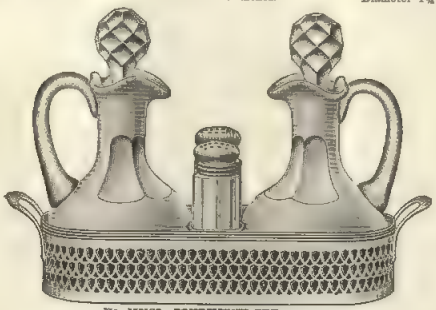
No. M2 BOTTLE OPENER—$2.45
Length 6⅛ inches

No. M053 TEA BALL—$3.35
Diameter 1¼ inches.

No. M0319 MARMALADE JAR—$3.95
Burnished, pierced holder.
Glass jar
Height 6½ inches.
Diameter 3 inches.

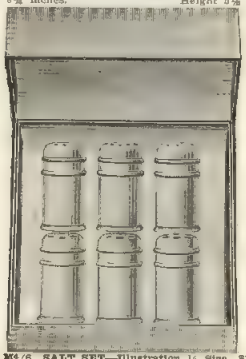
No. M052 TEA BALL—$2.70
Diameter 1¼ inches.

No. M3 BOTTLE OPENER—$2.45
Length 6 inches



No. M0133 CONDIMENT SET—$17.80
Pierced Burnished Crystal bottles
Oil, Vinegar, Salt and Pepper
Length 8¾ inches. Height 5⅛ inches.

TEAETTE SPOONS
Beauty pattern French gray nickel silver. Each $4.45

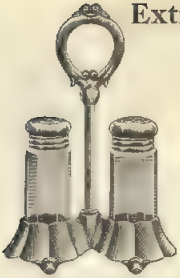


No. M4/6 SALT SET—Illustration ½ Size—$1.20
Individual salt and pepper, in lined case, white lining
No. M4/12 Twelve in case, same as above..... $2.35

TEAETTE SPOONS
Alhambra pattern French gray nickel silver, each $4.45

Extra Quality Quadruple Silver Plated Ware

Condiment Sets, Casters, Mustard Pots
PRICES EACH



No. E1970 INDIVIDUAL CASTER—$3.35
Burnished.

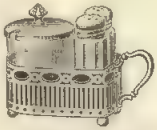
No. E1971 INDIVIDUAL CASTER—$4.50
Burnished
Cut half size.

No. E0911 INDIVIDUAL CASTER—$6.25
Height 5¾ inches.
Sheffield design on nickel silver.

No. E0916 CONDIMENT SET—$7.50
Burnished and pierced
Height 5 inches.
Sheffield design on nickel silver.

No. D75 INDIVIDUAL CASTER—$3.35
Height 7¾ inches.
Burnished and pierced
Sheffield design on nickel silver.

No. E0915 CONDIMENT SET—$10.00
Burnished and pierced
Length 8 inches
Sheffield design on nickel silver



No. D67 CONDIMENT SET—$6.25
Burnished and pierced
Height 5¼ inches.
Horseradish, Salt and Pepper
Sheffield design on nickel silver.

No. E0924 CONDIMENT SET—$10.00
Burnished and pierced
Height 6⅜ inches
Sheffield design on nickel silver

No. E0907 CONDIMENT SET—$14.00
Burnished and pierced.
Length 9½ inches
Sheffield design on nickel silver

No. E0905 CONDIMENT SET—$10.85
Burnished and pierced
Length 7 inches
Sheffield design on nickel silver.

No. E0923 CONDIMENT SET—$11.25
Burnished and pierced.
Height 7¼ inches
Sheffield design on nickel silver.

No. E1933 MUSTARD POT—$3.00
Glass lining Butler finish
Height 2¾ inches.

No. E0925 CONDIMENT SET—$12.50
Burnished and pierced
Height 6⅝ inches
Sheffield design on nickel silver

"Universal" Home Needs, Electric

Efficiency Reliability Safety Economy

"Universal" Electric Household Specialties are the products of a long series of scientific experiments. Every article has been subjected to the most rigid competitive tests and will produce a certain result with less current consumption and therefore more economically than any device of like nature on the market.

All of the articles listed can be supplied for the following voltages: 100, 110, 120, 220 and 240. Always specify voltage when ordering.

"Universal" Electric Curling Iron and Hair Dryer

The handle is mahoganized with natural wood finish. Heavily Nickel Plated Iron. Comb made of aluminum. Complete with 6 feet Flexible Cord and Wire Stand

No. E989 Curling Iron, diam. of Iron, 5/16 inch. Each.....$ 8.90

No. E9891 With Hair Dryer, diam. of Iron, 5/16 inch. Each... 10.15

No. E999 Curling Iron, diam. of Iron, 7/16 inch. Each. 10.15

No. E9991 With Hair Dryer, diam. of Iron, 7/16 inch. Each... 10.15

The even temperature at which the "Universal" Electric Curling Irons are maintained has made this article everywhere popular. When equipped with the "Universal" Hair Dryer it is unexcelled for taking the moisture out of the hair. A detachable switch connecting plug prevents the cord from binding. Wire stand with each iron.

"Universal" Electric Portable Radiator

Complete with Luminous Bulb, 8-foot mercerized silk finish flexible cord and seven-point contact terminal plug.

No.	Height	Width of Body	Each
E995	18 in.	12½ in.	$30.40

Outside of body pedestal guards and handles polished brass, reflector solid copper. Can be operated from any lamp socket, as it takes on 600 watts.

"Universal" Electric Radiator

Ebonized handles on top sides nickel plated, reflector of highly polished copper. Body black, height 14½ inches, width of body 10 inches. Complete with 8-foot cord and seven-point contact terminal plug.

No. E9960 Each.....$12.65

One Heat

No. E998 . $11.40

Nickel Plated

"Universal" Electric Disc Stoves

(6-inch Polished Iron Disc)

Complete with Flexible 6 foot Electric Cord and Indestructible Plug

For light cooking at the table, for heating water, milk and broths quickly in the nursery, bedroom or sickroom.

Two Heats

No. E997 .....$12.65

Nickel Plated

"Hold-Heet" Electric Heating Pad

"HOLD-HEET" ELECTRIC HEATING PAD

$17.00

This pad takes the place of the troublesome hot water bottle, and is always ready on an instant's notice to supply high medium or low heat, just as required.

It will not boil or burn (all you have to want to do). It switches practically nothing and is soft and adjusts itself to any person in any body.

It has no double thermostat automatically turns the current on and off and holds the heat of the pad at exactly the right temperature, making it impossible for the pad ever to become too warm.

The price of the complete pad 12x15 inches with ten-foot cord attachment plug, three heat switch and white washable slip cover packed in leatherette case as illustrated. Retail value.....$6 50

"Hold-Heet" Sanitary Aluminum Immersion Heater and Sterilizer

"HOLD-HEET"

Sanitary Aluminum Immersion Heater and Sterilizer

Price $7.85

The quickest and most economical device for heating. Holds "In a hurry."

Useful wherever Hot Water is needed.

For sterilizing and boiling

For heating tea, coffee milk, hot bouillon

For travelers for sick room, the nursery

For the razor kit of every man who shaves himself

Weighs Only Two Ounces.

Is 7 inches long and ¾-inch diameter

Light and handy as a teaspoon. Polished aluminum

Complete with leatherette case, cord and plug and separable switch on heater as illustrated (retail value) $3.00

"Hold-Heet" Electric Toaster and Utility Stove

No 400W

"HOLD-HEET" STOVE AND TOASTER—$5.20

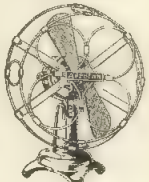
Maximum Efficiency with Minimum Current Consumption.

Molded composition of "Hold-Heet" natural wash heats the heat and saves current. It is practically indestructible. Good for any light cooking or heating, toasting etc. No metal to burn you or to tarnish or rust. The concentrated heat action changes the stove into a sugar producing the most delicious sweet toast possible. Mahogany colored finish. The best value ever offered in an article of this kind. Over ten thousand in use today.

Six inches square (retail value) $2.80

The Aerofan

Three-in-One



THE AEROFAN—$39.15

This sensational fan with its mahogany propeller completes all in one fan the four circulating possibilities of the ordinary 8 12 and 16 inch fans.

The small bronze of low cost the bedroom without excessive draft for a couple of years and of medium size, fine for residence or small office use, the tremendous power of air from high speed for indirect air circulation and its possibilities as a ventilator. All one can in a good sized room completely circulated once a minute. This fan will blow air back through an inch on the largest regardless of size. The Aerofan is fitted three blades highly polished nickel. The motor is of the highest development, runs equally as well on both direct or alternating current.

Weight 4 pounds. Just enough for mechanical stability to resist the tremendous thrust of the air moved.

Fully guaranteed for one year. Complete, with 5 feet of cord and plug (retail value)..$15 00

"Hold-Heet" Health Blankets

The greatest lung expander in the world. Air breathed in at zero expands one-fifth in volume before exhaled at body temperature. Over one-half of a person's energy is wasted in heat. These Blankets take the place of two-thirds of the ordinary bedding and relieve this heavy weight which out-door sleepers find so burdensome.

The Blanket is light and soft as ordinary bedding, and very durable. Covered with blue sateen and furnished complete with 10 feet of cord and three-heat regulating switch. Packed in a substantial leatherette case, and fully guaranteed for one year. Retails for $10.00, $14.00 and $20.00.

Size

36x36 inches. Infants' size. $26.05

36x72 inches. Single bed size. $8.45

54x72 inches. Double bed size.....$32 10

"Universal" Home Needs, Electric

Efficiency Reliability
Safety—Economy

"Universal" Electric Household Specialties are the products of a long series of scientific experiments. Every article has been subjected to the most rigid competitive tests and will produce a certain result with less current consumption and therefore more economically than any device of like nature on the market.

All of the articles Listed can be supplied for the following voltages: 100, 110, 120, 220 and 240. Always specify voltage when ordering.

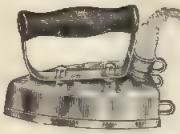
"Universal" Electric Sad Irons

The "Universal" Electric Unit is concealed within the Iron. But the Iron is so constructed that the heat generated by the "Universal" Unit is scientifically distributed over the face of the Iron, a greater amount being conducted to the point where, as every woman knows, the most heat is needed, because this is the part of the Iron that cools first. This method of conducting heat to the point desired is absolutely exclusive with the "Universal."

"UNIVERSAL" ELECTRIC THERMO-CELL IRON WITH REVERSIBLE SPRING STAND

Complete with flexible 8 ft. electric cord indestructible push plug and separable attachment plug. Weight 6 lbs.

No. **E901N** Nickel plated, each $10.10



"UNIVERSAL" ELECTRIC IRON WITH TIP UP STAND

Complete with 6 ft. flexible electric cord, indestructible push plug and separable attachment plug. Weight 6 lbs.

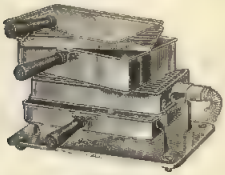
No. **E902N** Nickel plated, each $7.50

"UNIVERSAL" ELECTRIC TOURISTS' IRON

Complete with bag for traveling and 6 ft. mercerized silk finish flexible cord, indestructible push plug and separable attachment plug. Weight 3 lbs.

No. **E903I** Nickel plated, each $9.00

For emergency ironing the "Universal" Tourist Iron is unsurpassed. When inverted it rests on its stand and serves as an excellent hot plate for heating a small quantity of water or ironing out velvet or ribbons. The hole in the back of the iron is for inserting and heating curling irons.

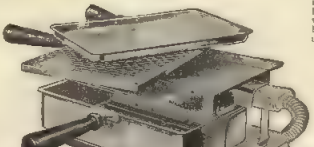


"UNIVERSAL" ELECTRIC GRILL

Complete with 6 ft. flexible silk finish cord and indestructible plug. Broils, fries, toasts and stews. Size of Grill, 4½x8 inches, heating surface 7⅝x4½ inches; depth, Frying Pan, 1¼ inches; Boiling Pan, 2 inches; Griddle, ¼ inch.

No. **E921** Nickel plated, each $11.40

This appliance is probably adaptable to a wider range of uses than any other single electric device obtainable. It will make perfect toast, cook eggs as you like them, grill bacon, chops or a small steak. It will cook small portions of cereal, creamed chicken, beef or potatoes. For toasting crackers, preparing boiled frostings for cakes, making gravies, etc., nothing works better. In short, prepares a whole meal at the table. The heating element in the "Universal" Grill is carried closer to the ends of the frame than in any similar device, thus insuring a more even spread of heat. Note the extra depth of pans. The base and frame are heavily nickel plated and highly polished.



"UNIVERSAL" ELECTRIC COMBINATION GRILL AND TOASTER

Nickel plated frame, ebonized handles, fibre feet, flat steel top. Stove surface 8⅜x8¼ Size of Toaster 8¾x5¼ inches. Depth of Boiling Pan 2 inches, depth of Griddle ½ in.

No. **E925** Each $12.65

Complete with 6-foot flexible electric cord and indestructible plug

"UNIVERSAL" ELECTRIC SHAVING MUG

Made of copper ebonwood handles

No. **E992N** Nickel plated, each $11.40

No. **E992S** Silver plated, each $14.00

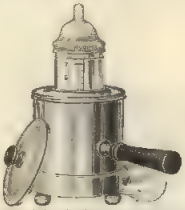
Nothing is so essential to comfort as hot water for shaving. The "Universal" Shaving Mug will boil one-half pint of water in a very few moments and will be found indispensable to the traveler and to anyone who desires boiling water quickly, economically and readily.

THERMAX ELECTRIC PAN STEEL STOVE

Three heats—Fast, Medium, Slow.

No. **E1996** Each $8.90

Two separate units which can be heated together or independently of each other. Burner disc 3 inches in diameter, outer disc 4½ inches in diameter. Complete with 6 ft. flexible electric cord and indestructible plug.

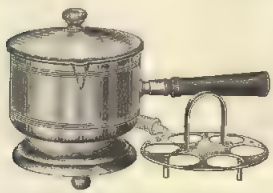


"UNIVERSAL" ELECTRIC MILK WARMER AND WATER HEATER

Made of copper Ebonwood handle. Equipped with milk bottle with a capacity of 8 ounces and extra cover for use when heating water.

No. **E9330N** Nickel plated $15.20

No. **E9330C** Copper $15.20



"UNIVERSAL" ELECTRIC COMBINATION EGG COOKER AND WATER HEATER

Made of copper. Ebonwood handles. Heats a quart of water and has rack which holds six eggs.

No. **E9932N** Nickel plated, each $12.65

No. **E9932C** Copper, each 12.65

TWIN

"UNIVERSAL" ELECTRIC TOASTERS

Complete with Flexible 6 ft. Electric Cord and Indestructible Plug

No. **E941N** Nickel plated, each $10.10

No. **E941S** Silver plated, each 14.00

No. **E942S** Nickel plated, twin, each $25.35

"Universal" Electric Toasters stand for the last word in convenience, uniform results and economy of operation. They toast bread evenly right at the table as it is needed. The spring bread rack holds the slice in exactly the proper position to secure the greatest benefit from the heating unit, yet progress of toasting may be followed without disturbing the toast or scorching the fingers. Note the perforated plate on the top of the toaster for keeping the toast warm till it is served.

THE CAVE MESS-KIT FOR BOYS

This Kit was suggested by the well known author, Edward Cave. It has the advantage of being light in weight, inexpensive and easy to clean, and nests in a small space. The mess kit consists of one pail, cooking pot with handle and cover, bread-pan, frying-pan and cover, carving knife with sheath, fork, tea spoon and tablespoon. The fry-pan and bread-pan cover and form a baker

No. C12. Weight 2¼ lbs. with Khaki bag complete $1.35

"HIKER'S COOKING OUTFIT

This is a small light kit intended for day trips or for emergencies where it is necessary to go light. It is very popular with Boy Scouts. The outfit consists of pail, stew pan, pot with cover, cup, knife, fork and spoon in a Khaki case with carrying strap.

No. 36. Weight about 2 lbs. $1 65 Delivered $1 75

ALUMINUM COOKING OUTFIT FOR BOYS

The Outfit consists of an aluminum pan or plate, cup, tin steel spoon and fork, and fry-pan with folding handle.

No. 27. Weight 27 oz. with Khaki bag $2 25

ALUMINUM COOKING OUTFIT FOR "GROWN-UPS"

A thoroughly practical outfit with extra large utensils. Pail 9½x3¼ inches, with folding "ear" handles. Plate 9x1. Saucer 6x1. Cup 4¼x2¼. Bowl 6¼x2¾. Fry Pan 8x1¾ inches, with detachable handle; Knife (steel), Fork and 2 Spoons. All nest nicely in large pot

No. 20. Weight 2¼ lbs. with clamp to hold frying pan and Khaki bag $4 00

PRESTON MESS KIT

The Preston kit consists of one 2 quart bottle canteen, one each aluminum stew pot, fry-pan and plate, knife, fork, spoon. The stew pan and plate if locked together form a baker. The stew pan cover is felt-lined, to keep water cool. A canteen strap is attached for convenient carrying. Size 9½x6x4 in.

No. 2P. Half gallon canteen. Weight, 2¼ lbs. $7 00

No. 3P. Half gallon canteen. Weight, 2 lbs. 7.50

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

FOLDING ALUMINUM BAKERS

The heat is reflected from top and bottom of the pan while the pan and contents is quickly and evenly done.

Made of aluminum, and when folded, together with the pan makes a package only 3 inches in thickness. They will bake and roast all kinds of roast meats, fowl or [illegible]

No. 1A	Size of pan, 8x [illegible] weight 2 lbs. 2 ozs.	$3 85
No. 2A	Size of pan 8x[illegible] weight [illegible] lbs	4 40
No. B.	Bread Board, pine wood, weight, [illegible] lbs	75
No. C.	Canvas Case and Strap, weight, 13 ozs	1 25

FOLDING TIN BAKERS

Of the same design as the Aluminum Bakers but made of tin

No. 1B	Size of pan 8x1[illegible] weight [illegible] lbs	$2 00
No. 2B.	Size of pan, 8x1[illegible] weight [illegible] lbs	2 50

DUTCH OVEN

Dutch ovens are very practical for woods cooking and the only objection is the weight. You can do good boiling, roasting, baking or frying over coals and bring other dishes to a boil. They are much used in the West, and are fast becoming popular wherever cooking is done outdoors.

No. 10.	10x4 inches, weight about 11 lbs	$1 25
No. 15.	15x6 inches, weight about 3[illegible] lbs	2 25

FOLDING WIRE GRATE

Made of heavy wire rods. When not in use the legs can be folded flat.

No. 60.	10x14 inches, weight 3 lbs.	$ 50
No. 85.	1[illegible]x24 inches weight 4 lbs	75

SELF-BASTING BROILER

Broiling the juices, basting broiler the juices of the meat is kept back by reversing the broiler while cooking. Diameter 9 inches

No. 6.	Diam[illegible] Weight, 17 ounces	$ 50

FOLDING GRATE-BROILER

A Grate for the coffee pot and other utensils and a Broiler, giving double capacity for cooking a meal and keeping it hot until ready to serve

No. 14	Grate only, 13x14 in., weight 36 oz	$1 00
No. 13.	Broiler only 12x14 in., weight 28 oz.	35
No. 42.	Combination Grate and Broiler	1 25

HANDY BROILER

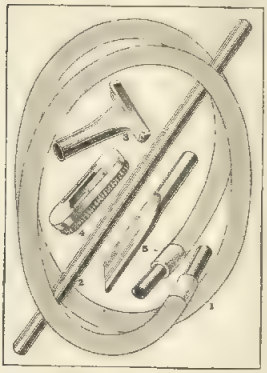
This broiler can be used in many positions. The smaller sizes are equipped with a 10-inch twisted wire handle and the larger sizes with a wood handle for use with asbestos pad. The detachable pan is for the purpose of frying.

No. 89.	Size 8x14 in., weight [illegible] ounces	$ 35
No. 90.	Size 10x15 in., weight 40 ounces	1 00
No. 89P	Pan 8x[illegible] in., weight [illegible] ounces	30
No. 90P	Pan 10x15 in., weight 21 ounces	40

The Elite Vacuum Cleaners

1863 1916

Save your rugs—keep them always clean and fresh by using the ELITE a few minutes each day. It preserves their luster and makes them last longer.



Attachments for cleaning upholstery draperies, etc., each. $17.75

THE ELITE ELECTRIC

Every home equipped with electric light can now have an electric vacuum cleaner

RETAILS NOW FOR $25.00

New 1915 improvements put the ELITE in a class by itself

You may pay more but you cannot buy a better cleaner than the Elite at any price. It's a powerful cleaner made to last.

ASK THE WOMAN WHO HAS ONE!

Specifications: Support—3 easy roller wheels; body—full polished cast aluminum; motor—one-sixth horse-power; fan—5-inch, one piece casting, floor nozzle—13-inch sweep, 3-inch opening, oiling—reservoir cups, automatic; handle—spring brackets, pistol grip, switch—in pistol grip handle, bag—extra large, 30x12 inches; vacuum—11-inch water test

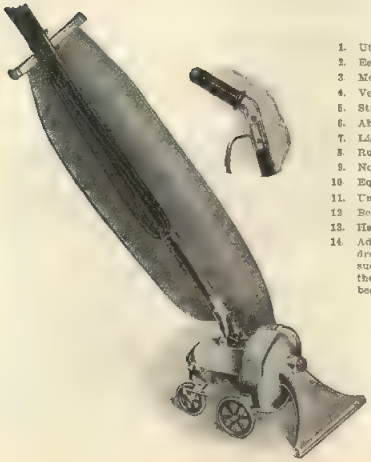
You will find in the ELITE CLEANER many features scarcely to be expected at so moderate a price.

Each $57.70

The "Bee" Electric Suction Cleaner

1915 Model "D"

The Most Efficient, Durable and Easy Running Electric Cleaner on the Market



"BEE" POINTS

1. Utmost efficiency.
2. Easiest to operate.
3. Most durable.
4. Very economical.
5. Strongest suction.
6. Absolutely guaranteed.
7. Light in weight
8. Rubber tired wheels.
9. No scraping on rugs.
10. Equipped with brush.
11. Universal motor
12. Best oiling system.
13. Handsome appearance.
14. Adjustable device which draws rug off the floor and sucks the air through the rug thereby removing the embedded dirt.

When ordering state voltage, cycleage, A. C. or D. C. current.

Retail Price

Model "D"	$35.00
Attachments	7 50

List Price

Model "D" ...	$78.00
Attachments . .	21.30

NEW IMPROVEMENTS

Suction increased 20 per cent.

Nozzle longer, now 13 inches.

New handle with enclosed switch.

Improved, more convenient hose connection, which makes attachments more efficient.

Handle support for holding handle in upright position when desired.

New cast aluminum bag connection.

The three large wheels, with rubber tires, which have always made this cleaner easier to operate than others are continued in the 1915 model.

Of course the "Bee" exclusive adjustable device for raising and lowering the nozzle to suit the thickness of the carpet, is also on the new model.

MODEL D EQUIPMENT

The following additional equipment for Model "D" can be supplied separately:

1. Shoe, to fit over bottom nozzle opening, when hose is used for all suction work above floor, each..... $2.15
2. 4-inch aluminum nozzle with nickel plated extension handle for cleaning portieres, bedding, upholstery, etc, each 3.75
3. 20 feet of best reinforced rubber hose, special tapering end, for tuft buttons, corners, or blowing, each.....10.65
4. Reducer to fit into exhaust outlet so that hose terminal can be inserted for blowing, air circulation, drying hair, etc., each 1.60
5. Clothes and library brush, each..... 2.55
6. Brush attachment furnished free with each cleaner; also ample supply of lubricating oil

SPLIT BAMBOO RODS

"POWHATAN" EIGHT STRIP TROUT ROD

The "Powhatan" hand made Fly Rod possesses all the fine qualities that go to make lasting pleasure. The balance is perfect and the [illegible] with which a Line can be cast is really [illegible]

It is made in eight sections and consequently nearer round than the usual bamboo rod. For this reason a much finer action is possible, besides the eight strip construction [illegible] all the outside enamel of the cane, making it [illegible] much stronger. The German Silver mountings are [illegible] made. The ferrules are so [illegible] next to impossible to break them. The guides are snake [illegible], which is agate, as are the tops. The grip is [illegible] to fit the hand. Furnished with a leather case, the two tips being first put up in a [illegible]

No. V. 8½ feet, weight 4 to 4½ ounces .....
No. W. [illegible] weight 5 to 5½ ounces
No. X. [illegible] weight about 5½ ounces .....
No. Z. [illegible] weight about 6½ ounces **$35 00**

THE FAIRCHILD TROUT ROD

This rod was originally designed and made by Hon. S. W. Fairchild of New York. The [illegible] lighter than the [illegible] more powerful cranger [illegible] all large rods, and is [illegible] for dry-fly fishing.

"Palakona" [illegible] built with 2 tips, cork covered grip, [illegible] mounts. Snake guides with [illegible] and end rings. Put up in bamboo case.

No. F29. [illegible] feet, weight [illegible] ounces **$45 00**

THE "CHIEF" FLY OR BAIT ROD

Our "Chief" is a rod any fisherman will be proud of. It is made with the greatest care from six-[illegible] pieces, butt, middle joint and tip, and is supplied with an extra tip. The "hang" is just right and the resiliency well worked out from tip to butt. [illegible] have agate first guides and agates at end of tips. [illegible] guides are snake pattern on the fly rods and trumpet [illegible] guides on the bait rods. Welted ferrules [illegible] the grip on fly pattern, [illegible] Full German Silver mounting and shaped cork grip.

Fly Rods		Bait Rods		
No. O1	7½ feet, weight 3½ oz.	No. O7	[illegible]	**$17 00**
No. O2	8½ feet weight 4½ oz.	No. O8	[illegible]	
No. O3	[illegible]	No. O9	[illegible]	

THE "VON" ROD

For the [illegible] we heartily recommend the [illegible] It is handsomely [illegible] with German silver mountings. Agate [illegible] tips, hard grasp and cut to fit velvet [illegible] cork, each [illegible] leg.

Fly Rods		Bait Rods		
No. 1A.	9 feet, weight 5½ oz.	No. 4A	[illegible]	**$12 00**
No. 2A.	9½ feet, weight [illegible]	No. 5A	[illegible]	
No. 3A.	10 feet, weight 7 oz.	No. 6A	[illegible]	

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

G.W. HUNTLEY CHICAGO

The Faultless Self-Filling Fountain Pen

The Most Perfect Self-Filling Fountain Pen Made

PRICES EACH

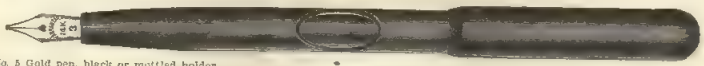
1863 1915

THE FAULTLESS SELF-FILLING FOUNTAIN PENS are of a very durable construction, yet so simple that they never get out of order. The reservoir is filled with ink by one pressure of the finger. They are made by skilled mechanics, from finest grade of material obtainable. The pen points are EXTRA HEAVY 14 KARAT SOLID GOLD tipped with the best GENUINE IRIDIUM that never wear out. All pens are furnished in fine, medium or stub points. Each pen guaranteed to give perfect satisfaction for FIVE YEARS.

Bi-Sected View Showing the Different Parts

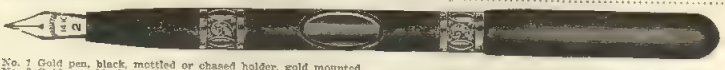
No. 5502 No. 1 Gold pen, black, mottled or chased holder. $2.50
No. 5503 No. 2 Gold pen, black or mottled holder. 3.35
No. 5504 No. 3 Gold pen, black or mottled holder 4.20

No. 5505 No. 2 Gold pen, full chased holder, black or mottled $3.35
No. 5506 No. 3 Gold pen, full chased holder, black or mottled 4.20
No. 5507 No. 4 Gold pen, full chased holder, black or mottled 5.00



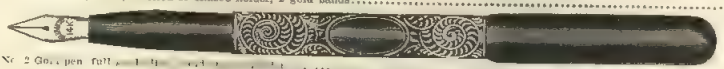
No. 5508 No. 5 Gold pen, black or mottled holder $5.85
No. 5509 No. 6 Gold pen, black or mottled holder 6.70
No. 5510 No. 7 Gold pen, black or mottled holder 7.50
No. 5511 No. 8 Gold pen, black or mottled holder 8.35

No. 5512 No. 5 Gold pen, black, mottled or chased holder, gold mounted, non-stub cap $4.20
No. 5513 No. 6 Gold pen, black, mottled or chased holder, gold mounted, non-stubable cap 5.00
No. 5514 No. 4 Gold pen, black, mottled or chased holder, gold mounted, non-leakable cap 5.85



No. 5515 No. 7 Gold pen, black, mottled or chased holder, gold mounted $4.20
No. 5516 No. 2 Gold pen, black, mottled or chased holder, gold mounted 5.00
No. 5517 No. 3 Gold pen, black, mottled or chased holder, gold mounted 5.85
No. 5518 No. 4 Gold pen, black, mottled or chased holder, gold mounted 6.70

No. 5519 No. 2 Gold pen, black, mottled or chased holder, 2 gold bands $4.20

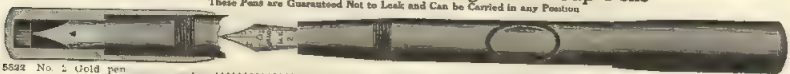


No. 5520 No. 2 Gold pen, full chased holder, gold mounted $3.35

No. 5521 No. 3 Gold pen, sterling silver or gold filled mounting, hand engraved florentine filigree $12.50

Faultless Non-Leakable Self-Filling Screw Cap Pens

These Pens are Guaranteed Not to Leak and Can be Carried in any Position



No. 5522 No. 2 Gold pen $4.20

No. 5523 No. 2 Gold pen, shorty, actual size $4.20

Ihrigs Quality Fountain Pens

The newest and best self-filling non-leakable fountain pen made. Can be carried or held in any position without any danger of leaking. There is a [illegible] pen. They are guaranteed for ever. One [illegible] of the set fills the pen. Illustrations actual size

No. 5624 No. 2 Solid gold 14k pen, full chased or black holder, without clip on cap, each ..... $ 4.00
No. 5625 No. 3 Solid gold 14k pen, full chased or black holder, without clip on cap, each. 5.00
No. 5626 No. 4 Solid gold 14k pen, full chased or black holder, without clip on cap, each. 6.00
No. 5627 No. 6 Solid gold 14k pen, full chased or black holder, without clip on cap, each. 10.00
All the above fitted with German silver clip on cap, each, 60 extra.

Ihrigs shorty illustration actual size

No. 5628 No. 2 Solid gold 14k pen, full chased or black holder, without clip on cap, each. ..... $ 4.00
No. 5629 No. 3 Solid gold 14k pen, full chased or black holder, without clip on cap, each..... 5.00
No. 5630 No. 4 Solid gold 14k pen, full chased or black holder, without clip on cap, each..... 6.00
No. 5631 No. 6 Solid gold 14k pen, full chased or black holder, without clip on cap, each..... 10.00
All the above fitted with German silver clip on cap, each, 60 extra.

No. 5632 No. 2 Solid gold 14k pen, full chased holder, fitted with 18k gold filled band on cap, each ..... $ 6.00
No. 5633 No. 3 Solid gold 14k pen, full chased holder, fitted with 18k gold filled band on cap, each..... 8.00
No. 5634 No. 4 Solid gold 14k pen, full chased holder, fitted with 18k gold filled band on cap, each 7.00
No. 5635 No. 6 Solid gold 14k pen, full chased holder, fitted with 18k gold filled band on cap, each 11.00
All the above fitted with German silver clip on cap, each, 60 extra.

The Jackson

These pens are self-filling and non-leakable. To fill, insert a small [illegible] in slot on side of barrel. Release pressure, and the pen fills itself. Fully guaranteed.

No. 5636 No. 1 Solid gold 14k pen, full chased barrel and cap, each ..... $ 2.25
No. 5637 No. 2 Solid gold 14k pen, full chased barrel and cap, each 2.95
No. 5638 No. 3 Solid gold 14k pen, full chased barrel and cap, each 3.35
No. 5639 No. 4 Solid gold 14k pen, full chased barrel and cap, each 3.75

No. 5640 No. 1 Solid gold 14k pen, full chased barrel and cap, fitted with 18k gold filled band on cap, each. $3.10
No. 5641 No. 2 Solid gold 14k pen, full chased barrel and cap, fitted with 18k gold filled band on cap, each 3.75
No. 5642 No. 3 Solid gold 14k pen, full chased barrel and cap, fitted with 18k gold filled band on cap, each 4.15
No. 5643 No. 4 Solid gold 14k pen, full chased barrel and cap, fitted with 18k gold filled band on cap, each 4.60

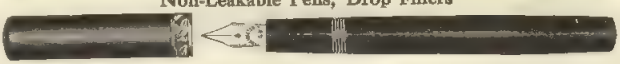
No. 5644 No. 1 Solid gold 14k pen, full chased barrel and cap, fitted with two 18k gold filled bands on barrel. $3.95
No. 5645 No. 2 Solid gold 14k pen, full chased barrel and cap, fitted with two 18k gold filled bands on barrel. 4.80
No. 5646 No. 3 Solid gold 14k pen, full chased barrel and cap, fitted with two 18k gold filled bands on barrel. 5.00

LADIES' AND TOURISTS' FOUNTAIN PEN

This pen, when not in use, is drawn into the barrel, and the nickel clip cut off. The inner cap acts as a cork in a bottle, making it impossible for the pen to skip, but is ready for use regardless of what position it may be in. This pen will write with the first stroke on the paper no matter how long it has been out of use.

No. 5647 No. 2 Solid gold 14k pen, full chased holder, each..... $3.35
No. 5648 No. 3 Solid gold 14k pen, full chased holder, each..... 3.80

Non-Leakable Pens, Drop Fillers



No. 5549 No. 1 Gold pen, gold band on cap, each.. ..... $3.35
No. 5550 No. 1 Gold pen, plain without gold band, each. 2.80

No. 5551 Ladies' No. 1 gold pen, two gold bands on barrel, each $4.20

No. 5552 Ladies' chatelain pen, No. 1 gold pen, sterling silver cap and barrel, each $5.00
No. 5553 Ladies' chatelain pen, No. 1 gold pen, gold cap and barrel, each 5.00
No. 5554 Ladies' chatelain pen, No. 1 gold pen, gold cap and pearl barrel, each 5.85

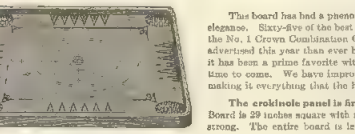
G.W. HUNTLEY CHICAGO

COMBINATION GAME BOARDS

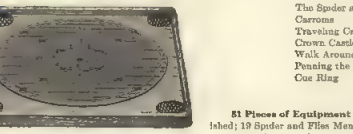
1863 1916

PRICES EACH

NO. 1 CROWN COMBINATION GAME BOARD, EACH $8.70



Carrom Side



Crokinole Side

This board has had a phenomenal sale, owing to its attractiveness, number of games, quality of games, fine finish and general elegance. Sixty-five of the best games known to the game board world can be played upon it. You make no mistake in handling the No. 1 Crown Combination Game Board as it is the standard by which all others are measured. It will be more extensively advertised this year than ever before and the outlook for an immense sale was never brighter. Ever since its first appearance it has been a prime favorite with the amusement loving public and it is destined to hold its place in popular esteem for a long time to come. We have improved it wonderfully by adding to it **Our Patent Felt Cushion and Ring Pocketing Device,** making it everything that the heart can desire.

The crokinole panel is fine imitation mahogany finish and the balance of the board is white maple, natural wood finish. Board is 29 inches square with round corners. Deep, reversible net pockets. The centers are three-ply veneer, light, yet very strong. The entire board is left with an elegant rub finish.

Following is a List of Games Played upon this Board:

The Spider and Flies	Crokinole	Cue Pocket
Carroms	Seven Battles	Rotation Cue Pocket
Traveling Carroms	Ditch Crokinole	Backgammon
Crown Castle	Ring Post Crokinole	Tric-Trac
Walk Around Castle	Three Ring Glance	Sixty-Six
Penning the Pigs	Four Ring Glance	
Cue Ring	Chinese Glance	

Also the 45 Ringarang Spinning Games.

51 Pieces of Equipment go with this Board as follows: 29 Hardwood Rings in four colors, beautifully stained and polished; 19 Spider and Flies Men in three colors, 2 Cues, 15 Numbered Discs, 10 Tenpins, 1 Backstop, 1 Score Tab, 4 Metal Spinning Rings in two colors, 1 Complete Rule Book and 1 Box for the Equipment.

Each board is packed separately in a carton.

THE IDEAL BASEBALL COMBINATION GAME BOARD. EACH $9.60

THE IDEAL BASEBALL GAME

(Trade Mark

The National Game was never so popular as now and this board will fill a long felt want as it gives the fans a chance to amuse themselves with their favorite game. All plays of the regulation game are possible and it furnishes an untold amount of amusement and enthusiasm.

The Pitching Apparatus will throw the ball with either an in or out shoot adding that excitement and uncertainty to the game which is so dear to the hearts of all American baseball fans. The ball is batted and fielded and the bases run the same as in the regulation game. The game can be played by from two to eighteen players and is sure to fill the hearts of the youngsters with delight. It is durable, attractive and not liable to get out of order

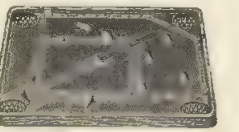
CARROM SIDE OF IDEAL COMBINATION GAME BOARD

The Carrom Side of the Ideal Combination Game Board is on the reverse side of the Baseball Game as shown in the illustration. It is clean and wholesome and its countless variations make it a constant source of keen delight to both old and young.

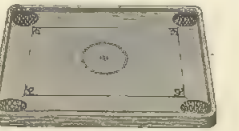
More than twenty-five interesting games can be played upon this side of the board which are fully described in rule book. Indications all point to the fact that Carroms in combination with the new Ideal Baseball game will prove the most popular board ever placed on the market.

Full equipment for playing all of the games will be furnished with this board and it will go to the customer complete in every way

Each board packed separately in pasteboard carton.



Baseball Side

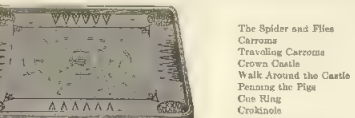


Carrom Side

4-SURFACE CROWN COMBINATION GAME BOARD, EACH $13.05

This board is an inexhaustible mine of entertainment and amusement. It is the only game board ever made with four playing surfaces, and is practically two game boards for the price of one, as the crokinole panel is detachable, giving an unequalled opportunity for an immense number and variety of games. With an ordinary board only one game can be played at a time, but with this Four-Surface Board one party can play games on either side of the crokinole panel, while at the same time another set of players can be playing games on either side of the other part.

One Hundred Separate and Distinct Games can be played upon this Board, making it attractive and a good seller These games include all of the old favorites, with many that are new and peculiar to the board. It is immensely popular, many thousands being sold last season. It is a staple article in the game board line.



List of 100 Games Played on the 4-Surface Game Board

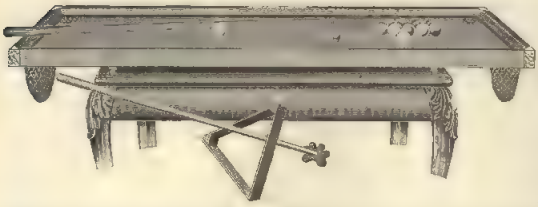
The Spider and Flies	Cue Pocket	Twelve Men Morris	Shovel Board
Carroms	Rotation Cue Pocket	Tree-ko	Childress
Traveling Carroms	Backgammon	Ten-Pins	Double Entry Posting
Crown Castle	Tric-Trac	Nine-Pins	Pocket Baxatelle
Walk Around the Castle	Sixty-six	Cocked Hat	Column Crokinole
Penning the Pigs	Keno	Nenkra	Column Carroms
Cue Ring	Zelio	Five Pin Cuban Carroms	Pocket Column Carroms
Crokinole	Cycle Race	Chasing the Cat	Positione
Seven Battles	Fox and Geese	Billardette	Carromette
Ditch Crokinole	Cats and Mice	Pyramid Checkers	Knock Out
Ring Post Crokinole	Wada	Diagonal Checkers	Checkers
Three Ring Glance	Cradle	Give Away	Chess
Four Ring Glance	Oblique Checkers	Shooting the Wild Ducks	Crokinola
Chinese Glance	Go-Bang	Polish Draughts	

Also the 45 Ringarang Spinning Games.

The entire board is made of beautiful white maple, selected stock, natural wood finish. All diagrams are in bright red and green colors, very tasty and attractive. Board 29 inches square, round corners. Reversible net pockets, patent cushions. Centers 3-ply veneer, light, yet very strong. Elegant rub finish over the entire board.

There are 139 pieces of equipment with this board as follows: 35 Hardwood Rings in four colors, stained and polished, 19 Spider and Flies Men in three colors, 2 Cues, 15 Numbered Discs, 10 Tenpins, 1 Score Tab, 1 Back Stop, 1 Collapsible Dice Box, 2 Dice, 48 Go-Bang Men in four colors, 4 Metal Spinning Rings in two colors, 1 Complete Rule Book, 1 Box for the Equipment. Each board is packed separately in a pasteboard carton.

HOME COMBINATION POOL AND BILLIARD TABLES



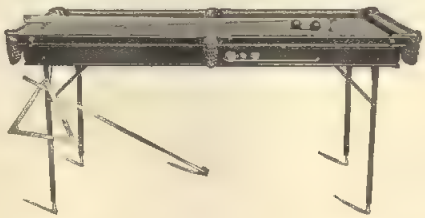
Carroma or Combination Pool and Billiard Table

Plain mahogany finish, very handsome and durable. Square corners ornamented and strengthened by handsome designs in metal. Bed made of narrow strips of wood, strongly braced so that it cannot warp, twist or get out of shape; fitted with regulation pool and billiard cushions, cut down to fit, made of fine quality rubber and are very resilient. Bed and cushions covered with finest quality green felt, making a smooth playing surface, deep pockets made of strong green netting, fitted with leveling and counting device so that the score for each of four players may be easily kept and table accurately leveled; equipped with 16 numbered balls, assorted colors, 4 cues, 1 triangle, 1 bottle, 1 bridge, chalk and 1 book of rules, size of table 2½ feet wide, 5 feet long, built in exact proportion, every angle true. The finest shots can be made with great accuracy. Finest of workmanship. Both material and workmanship guaranteed, weight, crated, 125 lbs.

No. **30** Price complete, each **$97.25**

Folding Carroma or Combination Pool and Billiard Table

Fine rubbed mahogany finish. Bed made of thoroughly seasoned hardwood, built up and reinforced by cross braces so that it cannot warp, twist or get out of shape; fitted with regulation billiard cushions, cut down to fit bed and cushions covered with finest quality billiard cloth; four corner and two side pockets, regulation pool shape, metal protectors. Made of green netting, very deep and strong; fitted with a patent leveling device which guarantees a perfect level playing surface and counting device so that score may be easily kept without error. Folding supports made of angle iron, very rigid and strong, attached directly to the table. Can be folded up and set to one side when not in use. Finest workmanship; equipped with 16 numbered balls, assorted colors, 4 cues, 10 pins, 1 triangle, 1 bridge, 1 bottle, 4 pocket covers, chalk, and 1 book of rules and directions. Weight, crated, 250 lbs.



No. **50** Size, 3 wide by 6 feet long, complete, each **$125.00**
No. **70** Size, 3½ feet wide by 7 feet long, complete, each **138.90**

No. 1 Star Archarena Combination Board, Each $6.80

Those who are looking for a moderate priced game board handsomely finished and fitted with a large and varied assortment of games will find in this board just what they have been looking for. It is a great favorite and its sale has been enormous. It will furnish amusement for the entire family and prove a never ending source of entertainment and delight to young and old.

It is 29 inches square and fitted with the famous **Round Corner White Maple Carrom Rim.** The panel is made of three-ply white maple veneer selected stock, natural wood finish. The diagrams are in bright red and black, very attractive, and places this board in the front rank as the best moderate priced game board on the market. It is fitted with **a Large Number of Games,** including all the old favorites with many that are new and novel.

Folding Revolving Stands

A Necessity with every Game Board. The best scheme yet brought out.

Light, strong and durable. Made of hardwood and nicely varnished. Revolves freely and stands rigidly. Folds compactly. Board rests on rubber tips which prevent it sliding or being marred.

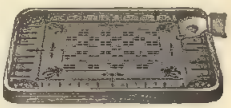
Price, each **$1.80**

Fifty-Eight Games can be played on this board.

Crokinole	Ditch Carrom Game	Tipsy
Crokinole	Spot Games	Topsy
Carromola	Game of Forty-six	Turvy
Four Pocket Carrom Game	Children's or Six Pin Point Game	Long End Topsy Seven up Spin
Walk-Around Carrom Game	Game of Chess	Tipsy Topsy Turvy
Ten Pins	French Checkerboard	Half Minute Battle
Cocked Hat and Feather	Lay Out	Long End Battle
Cocked Hat	Checkers	Spinning Battle
American Nine Pins	Backgammon	Three Minute Battle
Five Back	Russian Backgammon	Cuban Battle Spin
Head Pin and Four Back	Double Entry Posting	Diagonal Pins
Seven up	Single Entry Posting	Pyramid Pins
Five Pin Cuban Carrom Game	Spinoza	Half Orange Pins
Shooting the Wild Ducks	Spinette	Cushion Orange Game
Billiardette	Ten Pin Top Game	Triangle Top Game
The Hawk and the Sparrows	Five Pin Cuban Top Game	Rotation Cue Pocket
Pyramid Checkers	Three Pin Circle Game	Three Ring Glance
Diagonal Checkers	Four Pin Circle Game	Four Ring Glance
	Five Back Spin	Column Carroms
	Head Pin Four Back Circle	Pocket Column Carroms

The equipment for this board consists of 29 beautifully stained and polished Hardwood Rings, 15 numbered Discs, 10 Tenpins, 1 Backstop 1 Score Tab, 3 Spinning Tops, 1 Book of Rules, 2 Cues and 1 Box for equipment.

Each board is packed separately in pasteboard carton.



Carrom Side

Crokinole Side

Coaster Wagons.

MASCOT AUTO

BALL BEARING Auto Wheels, with Steel Gear.

Removable Hardwood Box Oiled and Varnished Has Set in Front and can be Taken Off the Bottom by Removing Two Nuts, Wood Wheels, Mitered and Tenoned Spokes, Bent Wood Rims ⅞x⅛ in. Steel Tire Shrunk on Malleable Iron Hub Flanges, Ball Bearings with Case Hardened Cones, ½ in. Round Cold Drawn Steel Axles, Simple and Efficient Brake Heavy Hardwood Tongue, Steel Hand Loop

	Per Dozen
No. 351—14x32 in. Box, 9 in. Diameter Wheels, Weight Per Dozen About 290 Lbs.	**$77.80**

One-sixth Dozen in a Crate, K. D.

With BALL BEARING Auto Wheels.

Removable Hardwood Box Oiled and Varnished Has Set in Front and can be Taken Off the Bottom by Removing Two Nuts, Wood Wheels, Mitered and Tenoned Spokes, Bent Wood Rims ⅞x⅛ in. Steel Tire, Shrunk On, Malleable Iron Hub Flanges, Ball Bearings with Case Hardened Cones, ½ in. Round Cold Drawn Steel Axles. The Hood of the Gear is Made of Heavy Sheet Steel Pressed to Shape. Other Features are a Brace from the Front to the King Bolt and King Bolt Brace, Simple and Efficient Brake, Heavy Hardwood Tongue, Steel Hand Loop.

	Per Dozen
No. 341—14x36 in. Box, 9 in. Diameter Wheels, Weight Per Dozen About 290 Lbs.	**$ 84.50**
No. 343—16x36 in. Box, 9 in. Diameter Wheels, Weight Per Dozen About 325 Lbs.	**100 00**
No. 345—16x40 in. Box, 11 in. Diameter Wheels, Weight Per Dozen About 375 Lbs.	**113 25**

One-sixth Dozen in a Crate, K. D

AUTO WHEEL

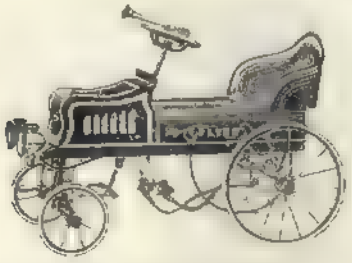
ROLLER BEARING, with Instantaneous Detachable Box.

Well Seasoned Second Growth White Ash Body, Varnished on the Natural Wood, with Hand Ornamentation, in Bright Vermilion, Well Seasoned Hard Maple Bolsters, Automobile Type Wheels, Ovaled Second Growth White Ash Spokes, ½x¾ in. Felloe, with ⅛x¾ in. Flat Steel Tire Electrically Welded and Shrunk On, Cold Rolled Pressed Steel Hub and Bushing Hard Drawn Bessemer Steel Roller Bearings, Wheels Held in Place by Cotter Pins, with Dust Caps, Wheels Finished in Two Coats of Bright Vermilion, Striped in Black and Varnished, Iron Parts Japanned and Baked

	Per Dozen
No. 22—14x34 in. Box, 10 in. Diameter Wheels, Weight Per Dozen About 360 Lbs.	**$ 80 00**
No. 33—16x38 in. Box, 10 in. Diameter Wheels, Weight Per Dozen About 420 Lbs.	**88 00**
No. 44—18x40 in. Box, 12 in. Diameter Wheels, Weight Per Dozen About 480 Lbs.	**100 00**

One-twelfth Dozen in a Paper Carton, K. D

Automobiles.



Without Lamps and Horn.

Flyer. All Steel, Special Auto Red Finish, Blue and Yellow Striping, Triple Beading on Seat and Body, Hinged Adjustable Seat, Enameled Green Gears, Rubber Tired Wheels, Bronze Starting Crank, License Tag and Front Apron.

Nos.	01	30
Size of Body, nches	14x30	15x35
Front Wheels, Inches	8	10
Rear Wheels, Inches	14	16
Rubber Tires, Inches	⅜	½
Ap Weight Each, Crated, Lbs.	45	5
Each	$9 50	11 50

One in a Crate K D

Without Lamps and Horn.

Tandem. All Steel, Red Finish Outside, Green Finish Inside, Enameled Green Gears, Rubber Tired Wheels, Bronze Starting Crank, License Tag and Front Apron

No.	130
Size of Body, Inches	14x48
Front Wheels, Inches	10
Rear Wheels, Inches	16
Rubber Tires, Inches	½
Ap Weight Each, Crated, Lbs	65
Each	$15 35

One in a Crate, K. D

Hand Cars.

Glascock Racer. Bessemer Steel Frame, Baked Black Enamel Finish Red Seat and Handle Grips, Seat Decorated with Handsome Transfer Designs, Tinned Wheels.

	Each
No. 7—42 in. Long Over All, 8x20 in. Seat, 8 in Diameter Front Wheels, 12 in. Diameter Rear Wheels, ½ in. Rubber Tire, Weight Each About 35 Lbs.	$7 25

Glascock Junior Racer, Bessemer Steel Frame, Baked Black Enameled Finish, Orange Yellow Seat and Grips, Seat Decorated with Handsome Transfer Designs, Tinned Wheels.

	Each
No. 10—33 in. Long Over All, 7½x15 in. Seat, 8 in Diameter Front Wheels, 10 in. Diameter Rear Wheels, ⅜ in Rubber Tires, Weight Each About 26 Lbs	$5 55

One in a crate K D

Express Wagons.

Buster Brown, All Steel, Varnished Throughout Inside and Outside, Gold Trimmings, Two Color Block Letters, Heavy Wrought Iron Brace from Rear of Axle to Bottom of Body

Nos.	A	B	C	D
Body, Inches	9x18	10x20	11x22	12x24
Front Wheels, Inches	6	7	8	8
Rear Wheels, Inches	9	10	11	12
Ap Wt. Per Dozen, Lbs.	72	80	95	140
Per Dozen	$12 80	14 35	15.90	19.50
Nos.	**E**	**F**	**G**	**H**
Body, Inches	13x26	14x28	15x30	18x36
Front Wheels, Inches	10	11	12	14
Rear Wheels, Inches	13	14	15	18
Ap. Wt Per Dozen, Lbs.	190	208	220	440
Per Dozen	$23 10	25 60	28 15	48 90

Nos A to G One-quarter Dozen, No 4, One-twelfth Dozen in a Crate, K D

Quick Repair Tires.

CALCUTT'S

Illustration shows end of Tire with Coupling half drawn to left and after twisting over one end of the towards you and completed coupling

Sectional View of Calcutt's Quick Repair Tire, Showing Coupling in Position

For Go-Carts, Velocipedes, Etc.

	Per Box
⅜ in.—50 ft. with 30 Couplings, In Sealed Box, Weight Per Box About 7 Lbs.	$6 70
½ in.—50 ft. with 30 Couplings, In Sealed Box, Weight Per Box About 10 Lbs.	8 90
⅝ in.—25 ft. with 15 Couplings, In Sealed Box, Weight Per Box 8 Lbs.	6 70

Complete Instructions Packed with Each Box
We Do Not Break Boxes.

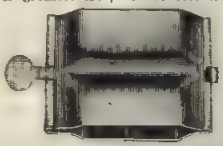
Whistles, Crickets, etc.

The Most Popular and Best Selling Items

N1301. N1302.

No. N1301. Round Tin Whistles, a favorite with the school boy who delights greatly in the possession of one of these tin whistles. By a certain manipulation of the tongue a sort of buzzing and singing tone can be produced; 12 gross in box.
Per gross.. .14 | Per box ... 1.35

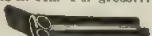
No. N1302. Novelty Whistles, made of bright tin, 1¾ in. across, in the shape of a round pill box, with hole in center; inserted in mouth and manipulated by tongue, makes a good, loud whistle and the best penny article in this line; 5 gross in box.
Per gross... .20 | Per box.... .90



No. N1303. Punch and Judy Whistle, the old-time favorite, made of tin, square shape, used by all Punch and Judy operators. No other whistle can be used to imitate the peculiar nasal voice of Judy.
Per gross ..... .35

No. N1305. Vocophone, a remarkably devised whistle; produces a sound which is a cross between instrumental and vocal, 1⅛x1½ inches, nickeled tin, bent on itself, with hole punched through in one end. It may be manipulated by the tongue, the voice and breath to produce a sweet music allied to both singing and instrumental playing. Any song may be sung, and it is capable of producing tones of any pitch; very pleasing
Per gross .55

No. N1307. Whistle, white metal, silver finish, 1¾ in. long, round shape; whistle end with pellet inside; star ornament at other end; ½ gross in box. Per gross..... .80



No. N1309. Duplex Whistle, formed of 2 tin tubes with a flat mouthpiece, attached at short angle produces a duplex toned whistle; 2¼ in. long. This is a good item at this price; a staple seller, ½ gross in box. Per gross..... .95

No. N1325. Bob White Whistle, 1⅝ in. long, white metal. Gives a good call. Per gross..... .80

No. N1306. Military or Police Whistle, illustration shows full size, drum shape, made of tin, finished in colors, with flat mouthpiece; bean inside produces a shrill loud whistle. Per gross..... .70

No. N1310. Red Clay Novelty Whistles, about 2½ in. long, assorted figures representing boys, men, women and various animals, bodies perfectly formed of red clay, bases shaped into whistle, strikingly good novelties. Per gross... 1.00

No. N1311. Cuckoo Whistle, made of composition to represent different birds with richly colored tops, length 3 in. An excellent value and great seller; ⅛ gross in box.
Per gross 1.00

No. N1318. The original and only genuine colored Canary Bird Whistle, made of metal, mounted on a hollow limb base. Fill receptacle with water, insert the metallic whistler, which can be manipulated in the blowing to produce the sound of a singing canary; 3 dozen in box.
Per gross.. 3.50 | Per dozen... .30

No. N1319. Celluloid Whistle, 2 in. long, in pink, blue and green and other bright colors.
Per dozen ..... .80

No. N1320. Fine Celluloid Whistle, 2¾ in. long, in beautiful variegated colors. Per dozen... 1.25

No. N1360. Zoboy. Talk into it with a singing voice, you can imitate any instrument, or the bleating of animals, etc.; covered with striped red, white and blue paper, 6 inches long, ½ gross in box.
Per gross . . .. .80

No. N1321. "My Bird" Whistle, wooden cylinder, colored, with a metal canary poised on a cone which fits into the cylinder, by turning back and forth it whistles, imitating the chirping and twittering of a canary or young chick. A very clever amusing novelty.
Per gross..... 1.00

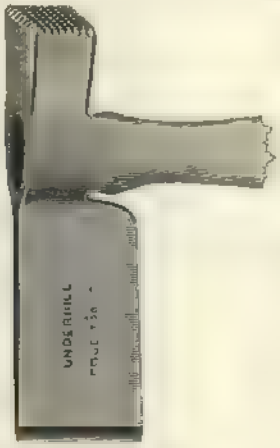
No. N1351. Slipper Cricket or Telegraph Key, 2½ in. metal, slipper enameled in bright colors, inside the vamp is fastened a steel tongue on which can be played The Cricket Racket, sounds like a telegraph key; used by many to learn the Morse Alphabet.
Per gross ..... .75

No. N1352. Frog Cricket, very loud, top is exact shape of a green frog, mounted on clock spring steel. Is durable and produces a loud, telegraph key click, 1⅞ in. long. Handy in shape to practice telegraphy; ½ gross in box.
Per gross..... .85

No. N1354. Pistol Cricket, made of metal nicely colored to represent pistol barrel, mounted clock steel spring, produces loud telegraph key click, length 3¾ in. ½ gross in box. Per gross..... .80

Lathing Hatchets.

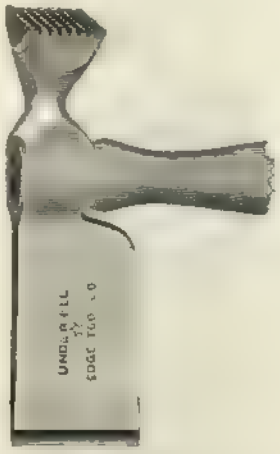
UNDERHILL'S STAR



Square Head, Underhill.
Solid Crucible Steel, Full Polished.

Per Dozen

No. U11—Philadelphia Pattern, 49 Points on Head, Cut 2¼ in., Approx. Weight Each 15 Oz. . **$19 00**
One-half Dozen in a Box



Bell Face, Boston Star.
Solid Crucible Steel, Full Polished.

Per Dozen

No. U15—Boston Star Pattern, Cut 2 in., Approx. Weight Each 14 Oz. **$25 80**
One-half Dozen in a Box.

HAMMOND'S

Adze Eye, Octagon Head and Neck. Refined Crucible Cast Steel, Full Polished, Hickory Handle.

Per Dozen

No. 85—New York Pattern, Cut 2¼ in., Approx. Weight Each 14 Oz. **$17.75**
One-half Dozen in a Box

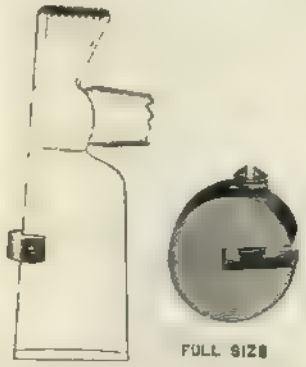
Square Milled Head.
Refined Crucible Cast Steel, Full Polished, Hickory Handle.

Per Dozen

No. 97—Chicago Pattern, 81 Points on Head, Cut 2 in., Approx Weight Each 1 Lb **$22 25**
No. 98—St. Louis Pattern. 100 Points on Head, Cut 2⅛ in., Approx. Weight Each 1 Lb. 1 Oz. **24.45**
No. 99—Milwaukee Pattern. 121 Points on Head, Cut 2⅛ in., Approx. Weight Each 1 Lb. 2 Oz. **26 65**
One-half Dozen in a Box

Weights EACH Do Not Include Handles.

Shingle Gauges.

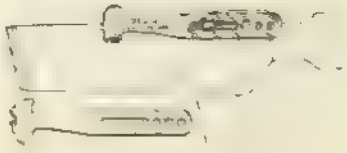


Per Dozen

No. 40—Shingle Gauges, Steel Body, with Headless Set Screw, White Nickel Finish **$2 00**
Weight Per Dozen 2 Pounds
One Dozen in a Box.

Shingle Gauges.

KEES'.



14 Gauge Cold Rolled Stamped Steel, Polished and Nickel Plated

Per Dozen

No. 806—3¾ in Long, Weight Per Dozen 1 Lb., Complete with Pins and Screws **$1.90**
Easily and quickly attached to any Shingling Hatchet Seven quick adjustments by ¼ inches from 4¼ to 6 inches
One Dozen in a Box.

Lathing Hatchets.

Square Head,
Extra Quality Cast Steel, Full Polished.
Per Dozen
No. E20—Chicago Pattern, 81 Points on Head, Cut 2 in., Weight Each without Handle 10 Oz. **$26.65**

Approx. Weight Per Dozen About 25 Pounds

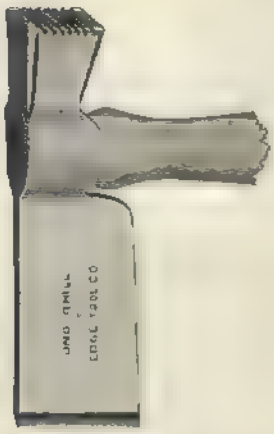
Square Head,
Extra Quality Cast Steel, Full Polished.
Per Dozen
No. E25—St. Louis Pattern, 100 Points on Head, Cut 2 in., Weight Each without Handle 10 Oz. **$28 30**

Approx. Weight Per Dozen About 25 Pounds.

Square Head,
Extra Quality Cast Steel, Full Polished.
Per Dozen
No. E26—Milwaukee Pattern, 121 Points on Head, Cut 2 in., Weight Each without Handle 10 Oz. **$28 90**

Approx. Weight Per Dozen About 25 Pounds

UNDERHILL'S STAR



Square Head, Boston Star.
Solid Crucible Steel, Full Polished.
Per Dozen
No. U10—Boston Pattern, 64 Points on Head, Cut 2 in., Weight Each without Handle 10 Oz. **$25 30**

Approx. Weight Per Dozen About 25 Pounds

Square Head, Boston Star.
Solid Crucible Steel, Full Polished.
Per Dozen
No. U40—Chicago Pattern, 81 Points on Head, Cut 2 in., Weight Each without Handle 10 Oz. **$26 10**

Approx. Weight Per Dozen About 25 Pounds

One-half Dozen in a Box

Square Head, Boston Star.
Solid Crucible Steel, Full Polished.
Per Dozen
No. U50—St. Louis Pattern, 100 Points on Head, Cut 2 in., Weight Each without Handle 10 Oz. **$27 35**

Approx Weight Per Dozen 25 Pounds.

CAMP BLANKETS

"U. S. ARMY STANDARD"

These blankets are made to the strict specifications of the U. S. Army.

No. B1. [illegible], weight 3 lbs. Olive drab $6 00

"FORESTRY STANDARD"

Made of the same material as the U. S. Army blankets from horse wool.

No. B2. [illegible] weight [illegible] lbs. $7 00

THE "BLUE BIRD"

For [illegible] and general [illegible] to [illegible] Blankets. All wool filling, [illegible] strength to the structure.

No. B4. 62x82 inches, [illegible] weight 5 lbs. $3 50

"THE TEXAS"

[illegible] has the appearance of [illegible]. It is a [illegible] will [illegible].

No. C8. [illegible], weight 3 lbs. Color, light tan $2 50

"THE STORM KING"

A large [illegible] wool mixed blanket of good quality. Color is blue gray.

No. C1. [illegible], 7 x80 inches, weight 5 lbs. $5 00

PATRICK - DULUTH MACKINAW BLANKETS

From [illegible] natural [illegible] Blankets, being heavy, [illegible] much [illegible] wool, [illegible] warm and water-proof. Money cannot buy better blanket comfort.

No. 449. [illegible], Plaid, size 70x80 [illegible], weight 4 lbs. . . . $8 50

No. 451. [illegible] and Green plaid, 7 x80 inches, weight 5 lbs. . . . 8 50

No. 849. [illegible], Red and Black plaid, 7 x80 [illegible], weight 8 lbs. . . . 17 00

PATRICK-DULUTH MACKINAW AUTO-STEAMER RUGS

Excellent for use in automobiles [illegible], canoes or as camp blankets.

No. 53. [illegible] Gold stripe, [illegible] lbs. . . . $10 00

No. 54. [illegible] White and Green [illegible] lbs. . . . 10 00

No. 55. [illegible] Red and Black [illegible] lbs. . . . 10 00

Special circular describing All Wool "Indian Design" Blankets upon request.

LLAMA SLEEPING SUITS

Made in [illegible] with hood, feet and mittens attached. The [illegible] a drop seat buttoned across [illegible] open window or out of [illegible]. The wool is the finest [illegible] ming air cells to retain [illegible] to be thrown off which otherwise would [illegible] only about two pound [illegible] North Alaska [illegible] Blankets [illegible] weight 8 to 10 pounds.

No. 22.	Children's [illegible], 22 to 24	$ 7 20
No. 27.	Boys' and [illegible], 26 [illegible] 28	8 00
No. 30.	Youths' and Misses' [illegible] to 34	11 20
No. 36.	Men's and Women [illegible], 36 [illegible] 38	12 80
No. 40.	Men's and Women' [illegible], 40 [illegible] 42	16 00
No. 44.	Men's and Women's [illegible] lb	17 60

FOR RUBBER PONCHO BLANKETS SEE PAGE 99

Delivery Prepaid in U. S. if cash [illegible] with Order at Above Prices

"GOLD MEDAL" CAMP COTS

FOLDING COT No. 29

This cot folds compactly and is made of best hardwood throughout and will support 500 lbs. Covered with 10-oz. brown duck and supplied with a duck fold for a pillow. Size opened 6 ft. 6 in., long by 27 in. wide. Folded, 5 ft. 4 in. long by 2 in. by 4 in.

No **39.** Weight 16 lbs. List $1 80 Net **$1 45**

FOLDING COT BED NO. 1

This is the Standard "Gold Medal" folding camp bed. Opened, it is a full length easy, elastic and comfortable bed, and folded it is a snug package only 3 feet 3 inches long. Covered with 12 oz. double filled brown duck, 27x78 inches. Supplied with head and foot stretcher sticks and duck fold for pillow.

No. **1.** Weight 17 lbs. List $3.33. Net **$2 65**

No. **2.** Same quality as No. 1, but without centre fold or support. Folds like No. 1. Weight 16 lbs. List $2.33 Net **$1 85**

EXTRA LARGE FOLDING BED

It stands 18 inches high when in use and 6 feet 8 inches long and 36 inches wide. Similar to No. 1, but covered with extra heavy 12-ounce double filled army drab or khaki duck. When folded measures only 39x8x5 inches. The frame is all carefully selected hardwood

No. **68.** Weight 22½ lbs. List $5.00 Net **$4.00**

FOLDING COT No. 33

Wood frame is 30 in. long and about 1 in. by 1 in. The web work is air-dried rock elm, the joints are 14 gauge steel, the duck is 12 oz. army duck. While not as strong as No. 1, it is sufficiently heavy for any man. It is 78 in. long and 27 in. wide when opened.

No. **33.** Weight 14½ pounds. List $2.88..... Net **$2 30**

YANKEE FOLDING COT

The Yankee beds are 6 ft. 6 in. long by 27 in. wide. They are easily set up, and when folded are about 32 in. by 4 in. by 7½ in. and are guaranteed to support 600 pounds. The frame is made of hardwood with 14 gauge steel supports, the top is of 12-oz. double filled brown canvas. A fine cot for home or camp use

No. **106.** Weight 16 lbs. List $3.34 Net **$2 65**

"OFFICERS" FOLDING COT

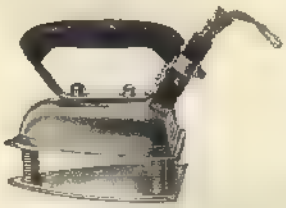
The folding end piece enables the cot to fold 29x9x4½ inches, and so can be enclosed in an Army Officer's chest or any ordinary case. Extended it is 78x27 inches, 13 inches high. Covered with 17-oz. double filled olive drab duck, tested to 200 lbs. to the inch. Rock Elm frame protected against splitting with cross rivets. A first-class cot to fold in a short space.

No. **150.** Weight 19 lbs. List $5.00 Net **$4.00**

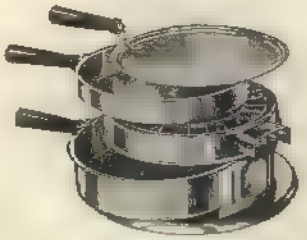
CARRYING BAGS FOR COTS

No. **128.** Made of strong canvas. For cots No. 1, 33 and 106..... $ .75
No. **51.** Made of strong canvas. For cots No. 30 and 150..... .95

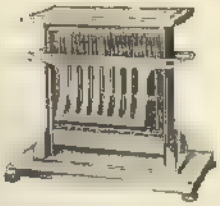
Our Free Delivery Plan does not Apply to Furniture.



No. E9081 Electric Iron with Snap Switch $5 00



No. E984 Four Heat Grill $6.00



No. E946 Electric Toaster $3 75

No E91436 Electric Coffee Urn $13.00-$14.75

No. E996 Electric Disc Stove $5 50

No. E9637 Electric Coffee Percolator $8.00-$9.25

The Live Wire Line For Hardware Stores

Hundreds of hardware and house furnishing dealers are successfully selling UNIVERSAL Electric Home Needs. There is a steadily increasing demand for household electrical appliances and because of their known reputation for quality and the prestige of the name, UNIVERSAL Electric Home Needs are the ones insisted upon by discriminating purchasers.

UNIVERSAL

ELECTRIC HOME NEEDS

a line whose popularity is increasing and one which you can well afford to stock. It is a good point to remember that in selling UNIVERSAL Electric Home Needs you sell not only the article itself but also many valuable patented features found in no other line.

UNIVERSAL

Our Advertising Department is at your service

Local Advertising

Let us furnish plans and ideas for various forms of local advertising. We have a large line of literature, show cards, lantern slides, etc., for your convenience.

National Advertising

The leading magazines run month after month convincing ads on Universal Home Needs that have a direct influence in forcing your sales.

Ask for advertising helps

No. E834 Tea-ball Samovar $10 00-$11.25

No. E8850 Combination Electric Chafing Dish and Disc Stove $12.00-$17.50

No. E905 Electric Iron $3.50 New Model

LANDERS, FRARY & CLARK

NEW BRITAIN, CONNECTICUT

TABLE KETTLES

No 511N

UNIVERSAL

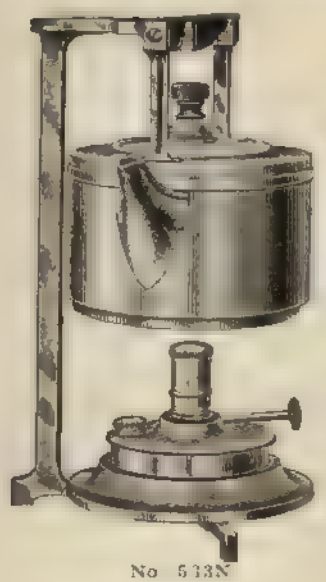
Copper, Nickel Plated, Ebonized Handles and Knob, Equipped with Safe and Efficient Alcohol Lamp.

No.	511N
Capacity, Pints	3
Height Over All, Inches	11¼
Weight Each, Lbs.	9½
Each	$14 25
No.	514N
Capacity, Pints	2½
Height Over All, Inches	12⅜
Weight Each, Lbs.	8¾
Each	$16 50

These two types are built so that they may be tilted in the stand, with which they are furnished

One in a Carton.

No 514N



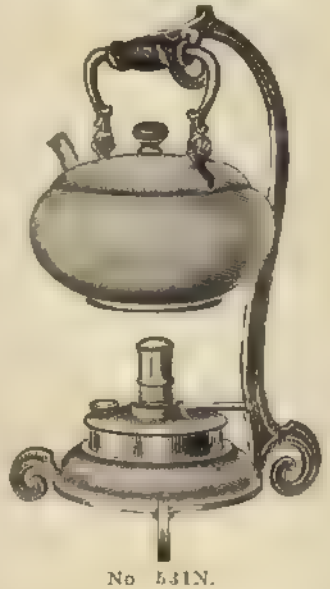
No 533N

Copper, Nickel Plated, Ebonized Handles and Knob. Equipped with Safe and Efficient Alcohol Lamp.

No.	533N
Capacity, Pints	2½
Height Over All, Inches	15½
Weight Each, Lbs.	9¾
Each	$11 75
No.	531N
Capacity, Pints	2
Height Over All, Inches	13½
Weight Each, Lbs.	10
Each	$13 00

These two types are built so that they may be lifted off the stand, with which they are furnished.

One in a Carton.



No 531N.

ALCOHOL FLAGONS

UNIVERSAL

Nickel Plated.

	Each
No. 100N Capacity ½ Pint, 4¼ in High Over All, Weight Each ¾ Lb.	$3.25

Copper.

No. 100C—Capacity ½ Pint, 4¼ in High Over All. Weight Each ¾ Lb.	$3.25

Nickel Plated.

	Each
No. 600N Capacity ½ Pint, 4¼ in High Over All, Weight Each ¾ Lb.	$4 00

Copper.

No. 600C—Capacity ½ Pint, 4¼ in High Over All Weight Each ¾ Lb.	$4 00

The Flagons are air-tight to prevent evaporation They pour when the knob on top of the handle is pressed

One in a Box.

CHAFING DISHES

COLUMBIA

Nickel Plated, Ebonized Handles and Knob.

Heavy Copper Food Pan and Cover, Lined with an Extra Heavy Coat of Pure Tin. Brass Legs and Base. Powerful Hot Blow Flame Alcohol Gas Stove. Has an Artistic Design and General Air of Distinction.

Each

No. 210N Capacity 3 Pints, 10½ In. High Over All, Weight Each 8¾ Lbs. $8.00

One in a Box.

UNIVERSAL

Nickel Plated, Ebonized Handles and Knobs.

Extra Heavy Gauge Copper Food Pan and Cover Lined with an Extra Heavy Coat of Pure Tin, Brass Legs and Base. Powerful Universal Hot Blow Flame Alcohol Gas Stove with Automatic Gas Control, Insuring Absolute Safety.

Each

No. 900N Capacity 3 Pints, 12 in. High Over All, Weight Each 13¼ Lbs. $16.50

One in a Box

CHAFING DISH FORKS AND SPOONS

UNIVERSAL

Silver Plated.

No. 900 12 in. Long, German Silver, Silver Plated, Ebonized Handles, Weight Per Pair 1¼ Lbs. . . Per Pair $5.00

One Fork and One Spoon in a Paper Box

Silver Plated.

Per Pair

No. 600—12 in. Long, German Silver, Silver Plated, Ebonized Handles, Weight Per Pair 1¼ Lbs. . . $5.00

Silver Plated.

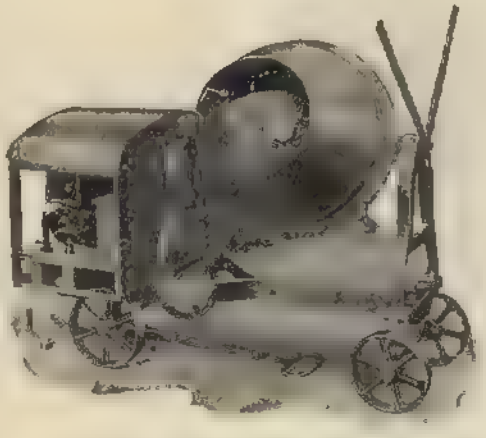
Per Pair

No. 400—12 in. Long, German Silver, Silver Plated, Ebonized Handles, Weight Per Pair 1¼ Lbs. . . $5.00

One Fork and One Spoon in a Paper Box.

CONCRETE MIXERS

VAN DUZEN



TYPE "A", ON HAND PORTABLE TRUCK

The Van Duzen Mixer is what is commonly known as the drum type batch mixer and gives a positive mixing of all the aggregates, in the batch, and does this in plain view of the operator.

It will thoroughly mix concrete, grout, facings, mortar or plaster of any consistency

The large opening in the tub allows the operator to see the exact condition of the batch and he can make it as wet or dry as desired. This is guess work with other types as the openings must of necessity be small or the drum would have to be so large that the machine could not be moved without considerable inconvenience.

It is the easiest type to clean as there is no possibility of the mixture adhering to the drum or the mixing plows

It is of convenient height for dumping into a wheelbarrow.

For foundation work the batch can be dumped into a chute and run right into the forms; thus obviating the necessity of handling the material the second time.

The bottom half of drum is semi cast steel and the upper half of drum is plate steel. The frame and trucks are all steel and iron, and the wheels are steel with staggered spokes. There is not a piece of wood on it.

Each

Type "A" Capacity 3 to 4 cu ft Per Batch, Equipped with 1¾ Horse Power Van Duzen Engine, Mounted on Hand Portable Truck, Shipping Weight 1000 Lbs..... .....$.....

SPECIFICATIONS

Length Over All 6 ft.
Length of Trucks 5½ ft.
Width of Trucks 40 in.
Total Height 5 ft.

Largest Diameter of Drum 30 in.
Height of Drum 27 in.
Opening of Drum 17 in.

Height to Charge 36 in.
Diameter of Truck Wheels 17 in.
Face of Truck Wheels 3 in.

TYPE "A", ON SKIDS

For Hand or Belt Power.

This Mixer is particularly adapted to the requirements of those operating Cement Block Plants and Concrete Construction on the farm.

Each

Type "A" Skid—Capacity 3 to 4 cu. ft. Per Batch, Shipping Weight 475 Lbs.....$.....

SPECIFICATIONS

Length 3 ft. 2 in.
Width 19 in.
Total Height 43 in.
Height of Charge 33 in.

Largest Diameter of Drum 30 in.
Diameter of Fly Wheel 18 in.
Face of Fly Wheel 4 in.
Weight 475 pounds.

DOG CLAMPS FOR CONCRETE FORMS

Light in weight, yet very stiff and strong, this clamp will outlast many wooden clamps and any similar iron clamp. The bar is special steel—tough, stiff and durable. The foot and clutch are designed to give maximum strength and resistance to wear. They are built so that, once applied, they cannot slip off the work.

Light, 1½ x ¼ in. Bar, 4 in Deep from Bar to End of Jaw.					
Nos.	296	297	298	299	300
Opening, Inches	22	30	36	42	48
Wt 100 Pieces, Lbs	540	630	695	760	825
Per 100	$50 00	57 50	62 50	67 50	72 50

Heavy, 1¾ x ⅜ in Bar, 5 in. Deep from Bar to End of Jaw.					
Nos.	301	302	303	304	305
Opening, Inches	22	30	36	42	48
Wt 100 Pcs Lbs	850	1000	1110	1220	1330
Per 100	$77.50	87 50	95 00	102 50	110.00

PORTABLE FORGES

CHICAGO

A light, move-about Forge

Adapted to Light Work.

Suited to Quarries, Mines, etc.

Popular as a Low Priced Article.

Cast Iron Hearth, with Windshield.

Each

No. 150—30 in. High, 18 in. Diameter Hearth, 8 in. Diameter Blower, Net Weight Each 80 Lbs. $13.00

BUFFALO AGRICULTURAL

Equipped with Climax Blower.

The gears of the Climax Blower are machine cut and consist of two spur gear wheels and two helical gear wheels properly proportioned to produce several thousand revolutions per minute of the fan with the crank being turned at a very moderate speed

The crank can be turned forward or backward with equally good results

The hearth is a strong bowl shaped casting. The tuyere gives an even spread of blast

Cast Iron Hearth, with Windshield

Each

No. 30—30 in. High, 22 in. Diameter Hearth, 12 in. Diameter Fan, Shipping Weight Each 110 Lbs. $27.00

ROYAL WESTERN CHIEF

Royal Type Blower.

Crank Turns Forward or Backward.

Capacity to Heat 3½ in. Iron.

The most serviceable forge constructed for outdoor repair or construction work.

Cast Iron Hearth, with Windshield.

Each

No. 104—33 in. High, 22 in. Diameter Hearth, 10 in. Diameter Blower, Net Weight Each 120 Lbs. $33 00

BUFFALO RIVET

Largest Capacity.

Quickest Heats.

Easiest Operation.

Equipped with Buffalo No. 200 Silent Blower with 12 in. Fan.

Repairs are reduced fully 50 per cent with this Forge.

The Blower has helical high-speed gears and full size 12 in. fan of the most efficient design, with blast delivery along the line of least resistance.

The fire pan is made of heavy rolled steel plate, strongly riveted.

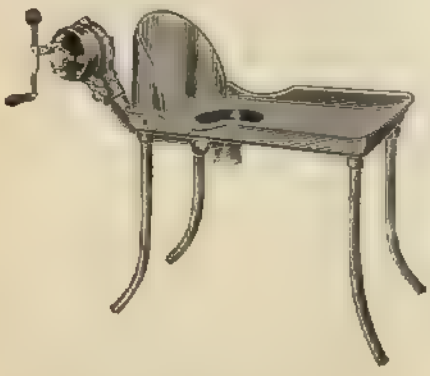
The windshield and blower are detachable and can be packed in the fire pan for transportation.

Steel Hearth, with Windshield.

Each

No. 625—18 in. Diameter Hearth, 12 in. Diameter Fan, Net Weight Each 110 Lbs. $35 00

TIGER



No. 252.

An Unusually Popular Line in Universal Demand.

With Windshield and Crank Gear.

Each

No. 252—30 in. High, 25x36 in. Hearth 9 in. Diameter Blower. Net Weight Each 180 Lbs $27.00

With Half Hood and Crank Gear.

Each

No. 253 30 in. High, 25x36 in. Hearth, 9 in. Diameter Blower. Net Weight Each 180 Lbs. $31 00

No. 253.

These Forges have a large roomy fire pot, conveniently shaped hearth, and splendid blast. They are very serviceable forges at low cost.

FINE BASE BALL SUPPLIES

Best Material and Workmanship. Fully Guaranteed. Any Article Showing Defect in Material or Construction Will Be Replaced Without Charge.

Strong wire mask in boys' sizes; two continuous all leather lined side pads. Made in black finish.

No. **CM50** Each.. ...$1.15

Regular men's size in black finish wire. Is strong and serviceable. Made with four side pads, chin and forehead rests.

No. **CM100** Each.. ..$2.50

A strong, well made mask in black enamel finish frame, good quality of steel wire. Nicely fitted chin and forehead pieces. Open vision.

No. **CM150** Each....$3.45

Heavy wire and careful makeup, made with four need pads which do not carry the adjustable lacing.

No. **CM200** Each.....$4.35

Made from best grade of heavy drawn steel wire in dead black finish with heavy, strong overhead strap and selected calf skin chin and forehead pieces. Has the full length laced-on side pads. May be opened and the stuffing regulated. Made in open vision style

No. **CM300** Each.....$6.50

CHEST PROTECTOR

Boys' size. Made of brown canvas and heavily padded. Gives good protection.

No. **CP100** Each.....$2.15

CHEST PROTECTOR

Special model, made from pure rubber with strong brown casing, regular men's size.

No. **CP500** Each....$10.85

The New Victor Padded Chest Protector is made of a strong brown duck divided into separate compartments with each compartment firmly stuffed with a special strong felt padding that will not pack or lose its shape allowing ample covering for the shoulders. Always ready for use and do away with all necessity of adjusting. They have leather bound edges, ball leather and chest straps and nickel fastenings.

No. **CPA600** Each $13.00

For Catchers

Moulded Leather Knee piece, with strong, carefully padded shin guard, skin. These parts are properly bound so as to allow full freedom of motion. Spikes cannot penetrate.

No. **CLG500** Per pair $10.85

Finest grade of heavy steel wire in dead black finish. Made in special open vision style and with extra heavy ball joint connections. Has strong calf-skin hair stuffed pads, overhead strap and strong elastic attachments. Absolutely the best mask that can be produced.

No. **CM500** Each . $11.90

BATS

		Each
No. **V10**	Boys' Hard Wood Bat, 30 inches...	$0.25
No. **AV25**	Boys' Professional Model 31 inches, burnt finish ash	.55
No. **V50**	Regular Men's Model, 34 inches, burnt finish...	1.15
No. **V75**	Fine Quality Ash, regular size ash model to each doz.	1.75

VICTOR PROFESSIONAL GRADE BATS

All hand turned. Made from finest straight grained, strictly air dried second growth white ash. Unequaled for driving power. Choice assortment of weight and lengths. Perfect finish and balance.

Highest grade, special flame burnt finish with high French polish. Absolutely guaranteed against breaking in legitimate play. Packed for club use in crates of one dozen containing 12 separate models as follows: (1) Harry Lord; (2) Lajoie; (3) Wagner; (4) Crawford, (5) Evers, (6) Zimmerman, (7) Special Bottle; (8) Hummel; (9) Speaker; (10) Ty Cobb, (11) Chance, (12) Daubert

No. **AV100**	Each	$2.30
No. **BV100**	Same, mahogany, each	2.30
No. **CV100**	Same, oil tempered, each	2.30
No. **CV150**	Same, special oil soaked, each	2.30

V Neck Half Sleeves

Military Collar—Three-Quarter Sleeves

BASE BALL UNIFORMS, COMPLETE, AND CAPS

Victor Baseball Uniforms are strictly tailor made. They show character of workmanship and quality of materials. For our best Professional and College grades we offer our regular well known Twill Wearo All Wool Flannels. Also some splendid values in these highest grades which contain a nice selection of striped effects as well as plain colors.

SPECIAL IMPORTANT NOTICE

Prices on Uniforms are for Full Suits, consisting of Shirt, Pants, Cap, Belt and Stockings. Sample cards will be sent free, showing choice of colors, as well as quality and weight of the flannels. No extra charge for piped seams, detachable sleeves, or for striped hose in combinations of colors named on sample cards. Lettering on shirts is free up to 12 letters on chest. Felt letters on caps, extra. Silk letters or monograms on caps, extra.

When ordering always state style—V. neck, military or regular collar; half, three-quarter or full sleeves; coat or regular style shirts; caps, any style, or any combination to suit the buyer. Shirts and pants may be furnished extra with each suit at reasonable prices.

		Extra Caps Same Quality and Style Each
Victor League Uniform		
No. **80A**	8 oz., best grade all wool flannel, per suit..$34.85	$2.80
American League Uniform		
No. **180**	8 oz., best grade flannel, per suit..... $1.45	2.60
Professional Uniform		
No. **81B**	8 oz., all wool flannel, per suit 29.30	2.15
National League Uniform		
No. **181**	8 oz., best grade flannel, per suit. 27.15	2.15
Collegiate Uniform		
No. **83C**	7½ oz., best grade all wool flannel, per suit 23.80	1.95
Interscholastic Uniform		
No. **182**	4½ oz., best grade flannel, per suit 21.70	1.95
Club Uniform		
No. **82N**	5 oz., special mixture, per suit 18.45	1.50
High School League Uniform		
No. **83D**	Strong mixed flannel, good weight, per suit 16.25	1.35
Amateur Uniform		
No. **84E**	Best Kennebec flannel, per suit. 13.00	1.35

New York Style

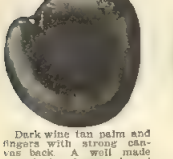
Brooklyn Style

Boston Style

Philadelphia Style

Fine Baseball Supplies

Best Material and Workmanship. Fully Guaranteed. Any article showing defect in material or construction will be replaced without charge.



Dark wine tan palm and fingers with strong canvas back. A well made mitt in boys' ... sized at thumb and wrist
No. **MA25** ... each **$0.60**

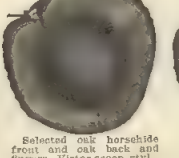
Favorite model, full sized mitt from fine brown tan stock is carefully padded with deep, nicely made pocket and has laced edge.
No. **MB100** Each .. **$2.60**

Made with brown tan front in laced edge style. Has green tan back and fingers, black strap and tan binding. Good, firm padding.
No. **MA100** Each.. **$2.30**

Made with oak tan front and fingers, black web and strap and white welt. Has laced edge and laced thumb
No. **MB150** Each **$3.25**

Drab horsehide front with chrome tan back and brown fingers. Has special firm padding laced edge and perfect pocket.
No. **MA500** Each.. **$4.35**

Special oak horse front and fingers with brown tan back. Made in thin edge style with laced edge and laced thumb. Special firm padding
No **M300** Each.. .**$4.50**



Selected oak horsehide front and oak back and fingers. Victor scoop style fitted with our special treated felt padding. Has laced thumb and laced edge
No. **M350** Each ...**$5.75**

Made from selected pearl calfskin for front and fingers and has strong brown tan back, green welt and tan leather strap. Thin edge style with laced thumb, laced edge and special sheet felt padding.
No. **M300** Each... **$6.65**

Drab horse palm and fingers with brown Yucatan back. Has green strap and white leather bind ing. Our big Victor features make this a popular mitt.
No. **M350** Each.... **$7.00**

A strong mitt with black horsehide front and fingers. Green goat back, white welt and binding and brown leather lacing
No. **M400** Each... **$8.85**

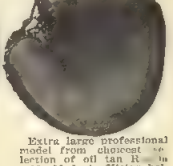
Special green calf front and fingers, with strong green goat back. Has brown lace white welts and binding, and is fitted with all the Victor features
No **M450** Each.... **$10.20**

Made from best oil tan vealskin on leading popular college model with brown welted seams. A strong, serviceable mitt and a favorite with the best school trade Equipped with Victor special features

These mitts are made thin edge style, sewed with heavy waxed linen thread, and have leather thong lacings around edge and at thumb Padded with best asbestos sheet felt and made with full formed fingers, strap and buckle fastening, with wide padded wrist band
No **M500** Each .. **$11 45**

Victor hollow palm style on popular small pattern Made from pearl calfskin with black trimmings. Has hand formed padding with reinforcement to keep the shape
No **MA500** Each .. **$11.90**

Special soft, pliable black calfskin in standard size and hollow palm style. Best materials and workmanship throughout
No **M3700** Each....**$15.20**



Extra large professional model from choicest selection of oil tan Russia calf Made in Victor hollow palm construction Has best asbestos padding and waxed linen thread A strong, serviceable mitt
No **MA800** Each **$18 45**

Finest oil tan Russia calf in Victor hollow palm style and thin edge construction. Waxed linen stitching and special reinforced asbestos felt padding. Calf lined wrist protecting back strap Positively ready broke
No **M800** Each . .**$18.45**

Best selected soft, pliable black calfskin on oil tan large professional model like MA800 Hollow palm style and popular pattern
No. **MB800** Each. **$17.30**

Boys' sizes from selected brown tan, with felt lining and good pocket. Has buttoned back and thumb web
No **G25** Each.... **$0 65**

Fine black Nupa in the plain front style with wide fingers made with welted seams and leather lining. Built for service and feels good on the hand.
No. **GB100** Each .. **$2.50**

Strong drab horsehide, on big pattern in large little finger style Has leather lining and is padded with soft glove felt A good big pocket.
No **G150** Each. .**$3.60**

Cobb model Fine black tan with leather lining Very carefully padded. Short fingers.
No. **GB150** Each . .**$3.25**

Special Victor model from cream horsehide with soft leather lining Padded with supple flexible glove felt, and carefully constructed so as to form a perfect pocket.
No **GA200** Each.. **$4.60**

Strong black calfskin on Favorite Victor Model Has leather lining and padding Arranged heavy around edges to form a perfect pocket.
No. **GB200** Each....**$4.50**

Selected pearl tan horsehide is the new unpadded light palm style Has leather lining and is specially intended for short stops and second basemen.
No **G225** Each....**$3.30**

A fine grade of oak tan horsehide. Made for fast infield work without padding in palm Shaped on our popular professional model and finished with soft white leather lining.
No. **GA250** Each **$3.35**

Made of selected drab horsehide in big little finger style and large Victor pattern. Carefully padded with our special soft glove felt and has full leather lining.
No. **GB250** Each . **$5.65**

Made from a special soft drab horsehide with soft leather lining and our extra fine Victor quality soft flexible padding Built on a popular professional model in large style with long fingers.
No **G300** Each.... **$7 05**

Made from extra quality selected black horsehide with best oak lining and full leather lining Favorite professional model. Has our special soft, flexible padding
No **GP300** Each....**$6.75**

Finest oak tan horsehide on big professional pattern. Has large little finger and a perfect pocket Finest soft glove padding and leather lining
No **GB350** Each ..**$7.80**

Fine black tan with full leather lining and new special laced heel
No **GL150** Each . .**$3.60**

Strong drab horsehide with full leather lining Laced heel feature with white leather lace, otherwise G150
No **GL200** Each **$4.65**

Best soft black horsehide on special professional model with full leather lining Made with the new laced heel
No. **GL300** Each .. **$7 15**

A high grade brown tan on popular Victor pattern Has web thumb and buttoned back, soft felt padding and leather lining
No **GC50** Each . **$1 20**

Selected black tan on straight thumb pattern with welted seams and leather lining Carefully padded, and has deep pocket.
No **GB75** Each.....**$1.65**

Strong black calfskin on Favorite Victor Model Has leather lining and padding Arranged heavy around edges to form a perfect pocket.
No. **GB200** Each....**$4.50**

No **BM75** Each... **$2.00**

Black front with brown tan back Thumb web and buttoned back.

No. **BM100** Each . .**$2.45**

A fine all brown tan mitt with buttoned back

No **BMA150** Each. .**$3.50**

Special brown tan front and back with pearl lining.

No **BM200** Each **$4.35**

Selected oak tan stock Popular shape Made with all our leading Victor features

No **BMA250** Each **$5.10**

Selected cream horsehide on our leading professional model. Has strap and buckle at back, raised finger partitions and best quality Victor style padding

No **BMA300** Each **$6.50**

Made from best quality of soft pliable black calf skin, on popular professional model, waxed stitched throughout and made with raised fingers and buckled back

No **BM350** Each . **$7.60**

Like foregoing, but made from a fine, soft and flexible pearl tan horsehide A strong mitt on the new popular model
No. **BM400** Each .**$8.90**

Standard size from best tan calfskin. Thin edge construction and glove thumb model Finest quality of padding and perfect workmanship. Buckled back, welted seams, thin edge and laced thumb connection.

No **BM450** Each.. **$9.75**

Large size. Our new Glove Thumb Style. Made from Finest Black Calfskin and padded with the best, soft, flexible Sheet Felt. A pliable, quick acting Mitt on thin edge pattern, with welted seams, buckled back, laced thumb edge and ... connection at thumb

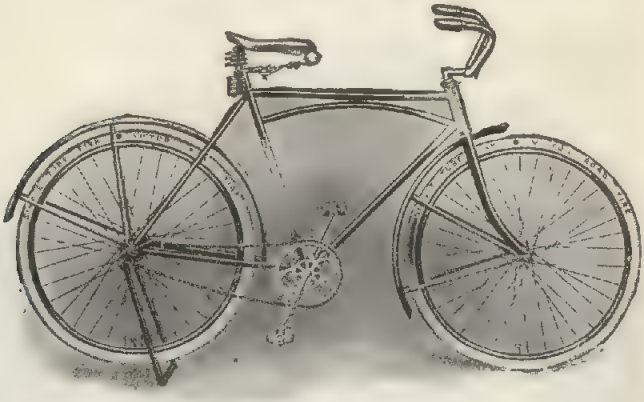
No **BM500** **$10.85**

Extra large professional model from very choice oil tan Russia Calf with special Victor Glove thumb feature and finest flexible sheet felt padding Made in thin scoop style with lacing at thumb and edge Has welted seams and buckled back Our biggest value

VICTOR BASEMEN'S MITTS

As shown on this page, embody our scientific thin edge construction and represent shapes and patterns which appeal to professionals and amateurs alike They are all made with our special soft non-resilient padding which guarantees a perfect, permanent pocket. The leather in the different grades has been selected for service, so that each mitt stands for highest possible value. The models shown on this page are made in laced edge style and have the laced connection at thumb

"VICTOR" BICYCLES, $25.00



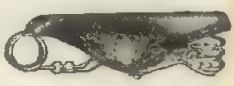
Men's and Women's Victor with Coaster Brake, $30 00

VICTOR RUBBER PEDALS

Now that bicycle riding has once again come into its own the "Victor" is a leader as in days gone by. Year by year "Victor" bicycles have been improved in design, construction, finish and equipment, and now the more modern means of manufacturing enables us to offer the well-known "Victor" at a popular price. The "Victor" is built on honor and carries our unqualified recommendation.

In this new model we have embodied the Arch Truss Frame a feature which adds to the already sturdy construction, adding but little weight. All details in making and finishing are watched carefully and the "Victor" compares favorably with wheels of much higher cost.

The equipment furnished on the "Victor" corresponds with the high quality of "Victor" construction and finish. Appearance, durability, and comfort have been carefully considered. A choice of two saddles is given. The handlebars are of a shape that insures an easy, comfortable riding position. The pedals supplied are the large rubber motorcycle type, giving a firm, comfortable rest for the feet. Mudguards and detachable stand are furnished without any extra charge. The "Victor" tires are made and guaranteed by the Fisk Rubber Company and are very serviceable. They are regularly furnished with corrugated tread, but non-skid tread may be had if specially mentioned.



PERSON'S ROADSTER

SPORTSMAN" SADDLE NO 4CC

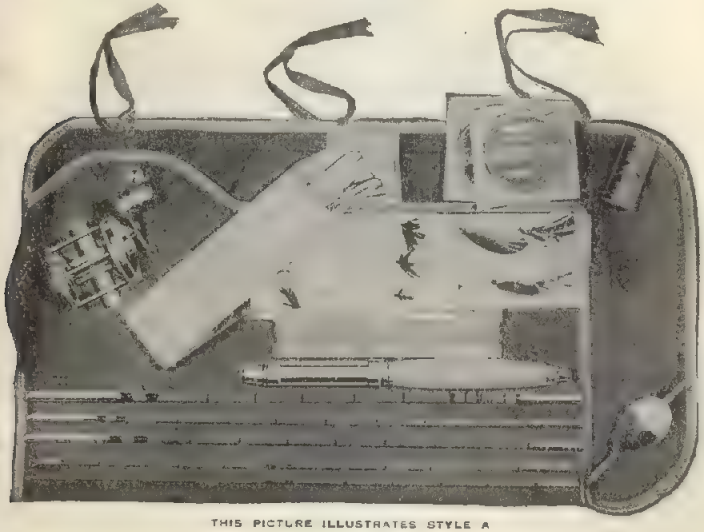
"Victor" bicycles are regularly finished in black enamel with Brewster green head, and seat post mast, but a deep brown frame with black head and black seat post mast can be supplied. All frames have gold striping.

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

FISHING OUTFITS BUILT FOR BOY SCOUTS

Fishing Rod and complete angling outfit—when rolled up fits boy's haversack or pack-bag. Sanctioned by the Committee on Scout Supplies, Boy Scouts of America.

The Boy Scout who is fond of fishing needs one of these outfits if he is to "be prepared" for Mr. Fish.



THIS PICTURE ILLUSTRATES STYLE A

STYLE "A" $5 00

Split Bamboo Rod, with two tips, making a fly, bait or boat rod; quadruple multiplying, nickel-plated reel, sliding click and drag; 75 feet of pure braided silk line; half dozen hand tied selected flies; 1 dozen double snelled hooks; 2 three-foot double gut leaders; 2 nickel-plated trolling spoons; assortment of sinkers and two-color cork float; all in neat, leather bound carrying case. Made to attach to Boy Scout Haversack.

No. A. Weight, 15 ounces; length packed, 16 inches $5.00

STYLE "B" $5 00

Same as No. A, described above, furnished with 4½-foot Steel Casting Rod with finger hook in place of split Bamboo Rod.

No. B. Weight, 18 ounces; length packed, 14 inches..... $5 00

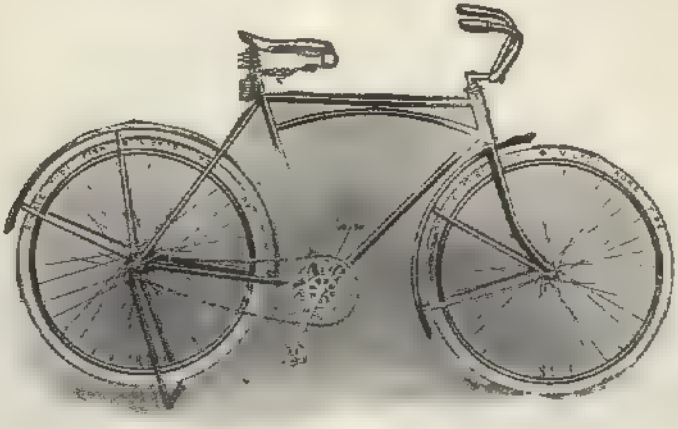
STYLE "C" $2.50

Three-piece black enamel, cork handled steel rod, with nickel-plated reel seat; nickel-plated multiplying reel with click and drag, 75 feet of hard braided casting line; half dozen snelled spring steel hooks; one nickel plated trolling spoon, half dozen assorted flies; assortment of sinkers; two-colored float—all in a neat carrying case, made to attach to Boy Scout Haversack.

No. C. Weight, 15 ounces; length packed, 20 inches $2.50

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

"VICTOR" BICYCLES, $25.00



Men's and Women's Victor with Coaster Brake, $30 00

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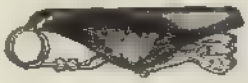


PERSON'S ROADSTER

SPORTSMAN' SADDLE NO 400

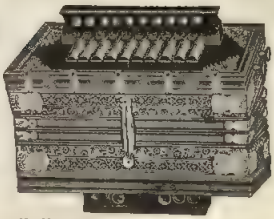
Victor bicycles are regularly finished in black enamel with Brewster green head, and seat post mast, but a deep brown frame with black head and black seat post mast can be supplied. All frames have gold striping.

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

Accordeons

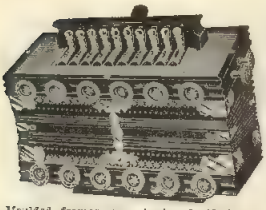
All of our musical instruments are carefully adjusted and examined before leaving our house assuring you receiving same in the best possible condition.

Ebonized case and mouldings, double bellows, corners and clasps 10 keys, 2 stops, 1 set of reeds, size 4¼x9¼ inches
No. 8012 Each $5.50

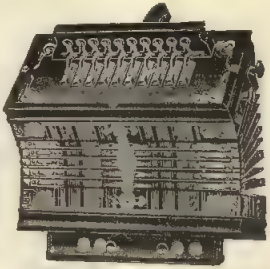


Moulded frames, open keyboard, triple bellows, nickel corners and clasp 10 keys, 2 stops, 1 set of reeds, size 6x12 inches.
No. 10882 Each $8.50

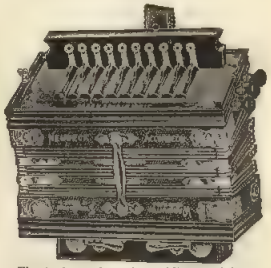
Mouldings, panels, bellows and frames handsomely colored and attractively finished in solid colors, red, blue and green, nickel corners and clasps, nickel bellows protectors bone button keys, quadruple bellows, 10 keys 2 stops, 2 sets of reeds, size 6½x10¾ inches
No. 9302 Each $9.70



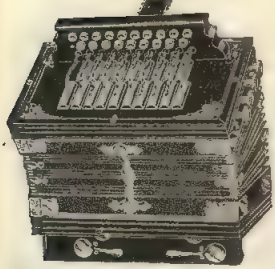
Moulded frames, open keyboard, 12 fancy trumpets, metal ends, corners and clasps, double bellows, 10 keys, 2 stops, 2 sets of reeds, size 7¾x6¾ inches.
No. 7102 Each $11.40
No. 7102¼ With bell. Each 12.70
No. 7102½ With 2 bells. Each 14.00



Imitation oak ends and mouldings, open keyboard gilt cornice and ornaments in panels, gilt bellows protectors and corners 3 sets of reeds, 10 keys, 2 stops, 2 sets of reeds, size 6½x13 inches
No. 10152 Each $13.45



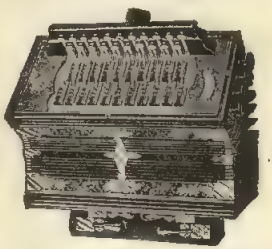
Ebonized panels and mouldings, triple bellows, metal thumb-screw top fasteners and corner protectors, 10 long pearl-tipped keys 3 sets hand-made steel bronze reeds, 3 stops 2 long model bass keys, size 6x11¼ inches
No. 8172 Each $16.30
Same as above, with genuine steel reeds.
No. 18172 Each $20.50
Walnut finish panels, black mouldings thumb-screw top fasteners, triple bellows nickel corner protectors and clasps, 10 medium length keys with pearl buttons, 4 sets of steel bronze reeds, octave tuning, 4 wooden stops 2 long model bass keys, size 6¾x11¾ inches
No. 8182 Each $19.20
Same as above, with genuine steel reeds.
No. 18182 Each $24.35



Ebonized mould ngs and panels, open action keyboard ornamented with gilt designs, nickel button keys, bellows protectors, corners and clasps, triple bellows with nickel corner protectors, size 12x7 inches.
No. 11192 19 keys, 4 sets of reeds Each $19.20
No. 11212 21 keys, 4 stops, 4 sets reeds. Each 20.00

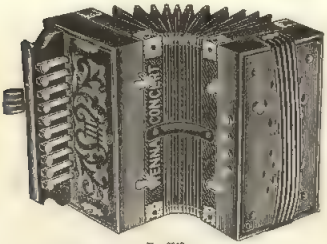
VIENNA STYLE.

Rosewood finish case with fretwork panels, corded colored wood edges, leatherette covered bellows frame 13 folds, metal corner protectors leather clasps, 19 long keys, pearl finger buttons, Acme patent adjustable case and bellows frame tighteners, two rows of keys, 8 basses, 4 sets of bell metal reeds, size 6x10¾ inches.
No. 8362 Each $31.95
Same as above with 21 keys and 14 folds in bellows.
No. 8372 Each $33.95
Same as above with plain case and bellows, 16 folds, 12 basses.
No. 8382 Each $33.45



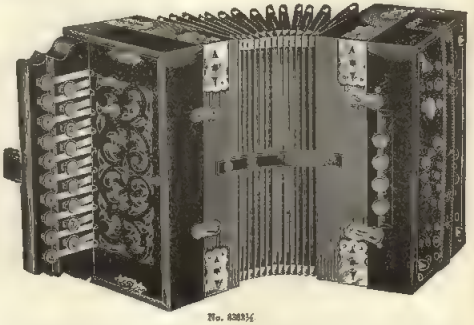
Fluted mouldings, imitation mahogany panel, mahogany sunken open action keyboard, pearl button keys, nickel bellows protectors, nickel corners and clasps, double bellows. Fitted with quick repair spiral springs and keyboard.
No. 4192 19 keys, 4 stops, 4 sets of reeds size 14½x7 inches. Each $39.50
No. 4212 21 keys, 4 stops, 4 sets of reeds, size 15x7½ inches. Each 47.80

Fine Vienna Accordeons



No. 8242.

Rosewood finish case, scroll top, 11 substantial bellows folds, Acme adjustable case and bellows-frame tighteners, leather clasps, 10 long keys, pearl buttons, 2 sets of reeds, 4 basses, size 6½x9¾ inches.
No. 8242 Each $15.60
Same as above with 10 bellows-folds.
No. 8242½ Each $14.55
Same as above with black frame and bellows and genuine steel reeds.
No. 8252 Each $18.75
Same as above with white panel, fancy fretwork top, 15 bellows-folds with corner protectors, 2 sets of hand-made steel bronze reeds, size 6½x10¾ inches.
No. 8262 Each $21.05
Same as above with ebonized case, white panels and genuine steel reeds.
No. 8212 Each $22.95
Same as above, ebonized case, gilt ornaments, fretwork panel, 13 bellows-folds with corner protectors and clasps, 10 long black and gilt keys with pearl finger buttons, Acme adjustable case and bellows frame tighteners, 2 sets of Vienna reeds 4 basses size 7½x12⅝ inches.
No. 8272 Each $19.25



No. 8383½

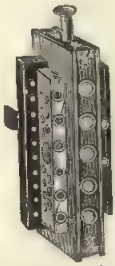
Ebonized case and mouldings, Acme patent adjustable case and bellows-frame tighteners, leatherette covered bellows frame, 12 folds, metal corner protectors and leather clasps, 19 long pearl-tipped keys, 4 sets of reeds, 4 basses, size 6x10¾ inches.

No. 8368½ Each $23.20
Same as above with 8 basses.
No. 8382½ Each $25.50
Same as above, 21 long pearl-tipped keys, 4 sets of reeds 8 basses.
No. 8272½ Each $28.95
Same as above, 21 long pearl-tipped keys, 4 sets of genuine steel reeds, 15 folds 8 basses.
No. 18362¾ Each $33.30

Blow or Flute Accordeons

10 one-piece metal keys, 2 spoon pattern bass keys, dark orange case with bevel-ed corners, finely colored metal ornaments, case in two parts with hinges and clasp fasteners to permit opening for repairs, etc. Carefully tuned.
No. 3462 Each..$5.90

10 one-piece metal keys, 2 spoon shaped bass keys, ebonized case with nickeled ornaments and trimmings.
No. 3382 Each..$3.05



10 keys wooden case, nickel trimmed.
No. 3202 Each..$2.55

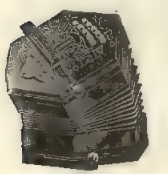
10 bone keys, wood case, projecting bell
No. 3262 Each..$3.35

10 metal keys, 2 spoon shaped bass keys, cherry shade wood case nickeled band trimmings.
No. 3272 Each..$4.95

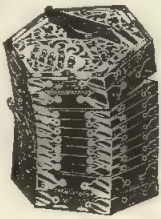
10 bone keys, cylindrical wood body, fancy metal ornaments with cord.
No. 3462 Each..$4.90

Concertinas

No.		Each
	SINGLE SET REEDS.	
8242	20 keys, polished oak tops, with sound rings and nickel ornaments	$ 8.85
8702	20 keys, nickel tops, corners and clasps, double bellows.	10.40
No.	**DOUBLE SET REEDS.**	Each
9032	20 keys, figured tops, with nickeled ornamental edges, double bellows, nickeled corners and clasps	$11.45
8732	20 keys, nickel tops and sound rings, nickel corners and clasps, double bellows	11.95
8762	20 keys, nickel tops, bound with gilt ornamentations and sound rings, nickel corners and clasps, double bellows.	12.75
8722	20 keys, polished tops, bound with gilt ornamentations, nickel corners and clasps, double bellows	12.45
8742	20 keys, nickel tops, corners and clasps, heavy bellows frames with nickel protectors	14.00
9042	20 white bone keys, Anglo pattern, mahogany scroll tops with adjustable leather straps, triple bellows, nickeled corners and clasps	14.55
3072	20 white keys, oak finish tops, cut corners with neat brass ornamentations, bellows with six regular and five broad folds, corners of latter having heavy nickeled figured protectors, nickeled corners and clasps.	15.25
9082	20 white keys, Anglo pattern, Rosewood and mahogany tops with Lyre design and scroll edges, adjustable leather straps, double bellows, nickeled corners and clasps	16.55
8092	20 keys, rosewood tops, figured moulding, bone keys.	16.90
9062	20 white bone numbered keys, Anglo pattern, ebonized scroll tops, black bellows frame, bushed key holes to prevent rattling, with adjustable leather straps.	17.95
9102	20 white red tipped keys Anglo pattern, rosewood scroll tops with variegated wood inlay around edges, adjustable leather straps, triple bellows, nickeled corners and clasps	19.25



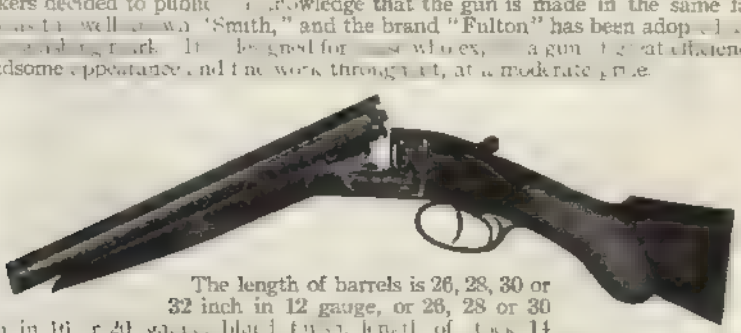
No 9062.



No. 8742.

HUNTER ARMS CO.'S "FULTON" GUN

While new in name this gun has stood the test of many years' service, as it was formerly sold by dealers under the name of "Sterling." Beginning with 1915 the makers decided to publicly acknowledge that the gun is made in the same factory as the well known "Smith," and the brand "Fulton" has been adopted as a [illegible] mark. It has been used for [illegible] guns of great efficiency, handsome appearance and fine work throughout, at a moderate price.

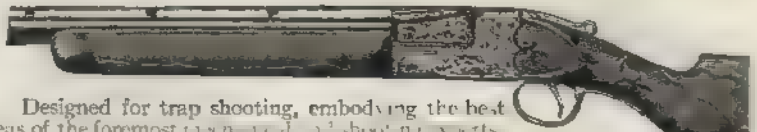


The length of barrels is 26, 28, 30 or 32 inch in 12 gauge, or 26, 28 or 30 inch in 16 or 20 gauge, bbl. finish, length of stock 14 to 14½ inches, drop at st. 2½ to 3 inches, weight from 7¼ to 8¾ lbs. Both barrels are regularly choke bored, but right barrel modified choke if preferred.

Made with half pistol grip stock of fine American walnut, all finely checkered with fore-end to match. The action contains few parts, strong and reliable. The safety is positive, preventing accidental discharge.

No. **18.** Fulton Hammerless Gun, 20, 16 or 12 gauge **$18 00**

BAKER HAMMERLESS SINGLE BARREL TRAP GUN



Designed for trap shooting, embodying the best ideas of the foremost [illegible] shooting experts. The [illegible] is supplied with extra heavy of special [illegible] Made in three grades. The following specifications apply to all. 12 gauge only, 30 inch barrel, weight about 7 to 8 lbs. 34 inch bbl. $7 50 extra. Choke bored Modified or Cylinder, $2 00 extra. Silver mounted $5 00 extra. Special length of stock 14½ inches from trigger, 2 inches pitch, 1 inch drop at heel. Action and barrel matted, [illegible] and grip. Special stocks to fit customer, ordered with [illegible] extra charge.

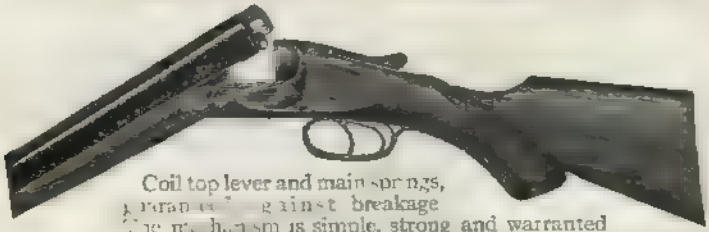
No. **ST. "Sterling" Grade.** Selected American walnut stock and fore-end, [illegible] engraved [illegible] border and scroll design, carefully finished and [illegible] **$75 00**

No. **ET. "Elite" Grade.** Extra fine American walnut stock and fore-end, [illegible] engraved and carefully [illegible] **$115 00**

No. **HT. "Superba" Grade.** Richly figured [illegible] American walnut stock and fore-end, [illegible] checkered in elaborate design. Frame, breech of barrel and other metal parts ornately engraved **$175 00**

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

FOX - STERLINGWORTH HAMMERLESS SHOT GUN



Coil top lever and main springs,
guaranteed against breakage
The mechanism is simple, strong and warranted not to shoot loose. Barrels of Fluid Compressed Steel are guaranteed for smokeless powder. Stock is fine walnut, full pistol grip. Supplied with 12 or 20 gauge barrels

No. 72. "Standard" grade 30-inch barrel only, weight 12 gauge 7¼ to 7½ pounds, 16 gauge, 6¾ to 7 pounds, 20 gauge 6¼ to 6½ pounds, with both barrels full choke or right barrel modified and left choke, stock 14-inch long with 2½-inch drop $35 00

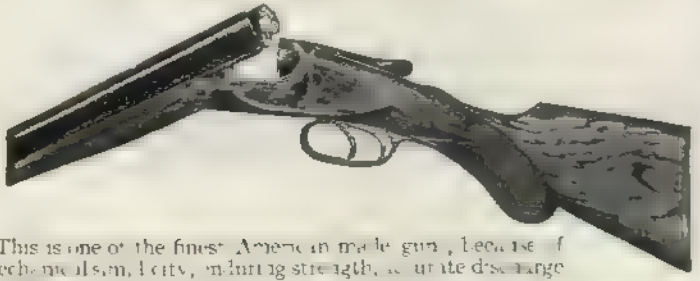
No. 74. "Field" grade 28-inch barrels only, weight, 12 gauge 7 pounds, 20 gauge, 5¾ to 6 pounds right barrel modified, left full choke, stock 14-inch with 3-inch drop $25 00

No. 76. "Brush Gun" 26-inch barrels only, weight 12 gauge 7¼ pounds, 16 gauge 6¾ to 6 pounds, 20 gauge 6¼ pounds, length of stock 14 inch, drop at heel 3 inch, right barrel cylinder, left barrel modified $25 00

No. 78. "Trap" Gun 32-inch barrels 12 gauge weight 7½ pounds, drop 2½ inch, length of stock 14 inches $35 00

Automatic ejectors on any model, extra 7 50

A. H. FOX HAMMERLESS SHOT GUNS



This is one of the finest American made guns, because of its mechanism, safety, enduring strength, accurate discharge and excellent workmanship.

Spiral springs operate the hammers and top lever and are guaranteed not to break. All grades have genuine Krupp Fluid Steel barrels, securely locked to the frame by a tapered lump bolt through an extension rib which takes up wear in all directions. The locking device is simple to keep in order.

Barrels 26, 28, 30, 32 inch. Handsome, dark English walnut stock, half, full pistol or straight grip, hard rubber butt-plate, automatic safety

No. A 12 gauge, 6½ to 8 pounds 16 gauge 6½ to 7, 20 gauge, 5½ to 7 ..... $37 50

No. AE. Same as No. A but with automatic ejector 45 00

No. B Selected English Walnut stock; fine finish and engraving, 12 gauge; 6 to 8 lbs 7½ gauge, 6 to 7 lbs 20 gauge, 5½ to 7 lbs $52 50

No. BE Same as No. B, but with automatic ejector 60 00

No. C High quality of Krupp Fluid Steel barrels only English walnut stock extra fine engraving checkering and finish, 12, 16 or 20 gauge, 6½ to 8 pounds $67 50

No. CE. Same as No. C only but with ejector 75 00

EXTRA Single Trigger fitted to any Fox Gun 20 00

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

Base Ball Clothing.

COATS

Double Breasted Coat.

Norfolk Jacket.

		Each
No. 15B	Double Breasted or Norfolk Jacket, Made of Same Material and Colors as Our No. 15B Base Ball Uniform	$13 35
No. 15D	Double Breasted or Norfolk Jacket Made of Same Material and Colors as Our No. 15D Base Ball Uniform	12 00

Single Breasted Coat.

		Each
No. 15E	Single Breasted, Made of Same Material and Colors as Our No. 15E Base Ball Uniform	$8.68
No. 15F	Single Breasted, Made of Same Material and Colors as Our No. 15F Base Ball Uniform	8 36

These Coats are made of Base Ball Flannels, trimmed with different colors on Collars, Cuffs and Pockets. Large pearl buttons on front, double stitched and taped seams. Made up unlined or skeleton style. Monogram or Letter on top pocket.

In Ordering, Mention Color and Trimming Wanted.

CAPS

Brooklyn Style.

Boston Style.

Philadelphia Style.

Chicago Style.

New York Style.

		Each
No. 15B	Cap, Any Style, Colors Same as University Uniform	$1 35
No. 15D	Cap, Any Style, Colors Same as Minor League Uniform	1 35
No. 15E	Cap, Any Style, Colors Same as College Special Uniform	1 06
No. 15F	Cap, Any Style Colors same as Club Special Uniform	.92
No. 15G	Cap, Any Style, Colors Same as Interstate League Uniform	.92
No. 15H	Cap, Any Style, Colors Same as Special Leader Uniform	.92
No. 15K	Cap, Any Style, Colors Same as City League Uniform	.92
No. 15L	Cap, Philadelphia Style Only, Colors Same as High School Uniform	.68
No. 15M	Cap, Philadelphia Style Only, Colors Same as Amateur Club Uniform	.58
No. 15R	Cap, Philadelphia Style Only, Colors Same as Junior Uniform	.46

ATHLETIC STOCKINGS

FANCY BAND STRIPE, 4 in. Wide on Calf, White Cotton Feet.

		Per Pair
No. 668-8	Extra Heavy Weight Worsted, Any Combination of Colors	$2 10
No. 667-8	Heavy Weight Worsted, Any Combination of Colors	1.75
No. 665-8	Heavy Weight Wool, Any Combination of Colors	1.45
No. 664-8	Regular Weight Wool, Any Combination of Colors	1.10
No. 659-8	Heavy Weight Cotton, in the Following Combination of Colors Only: Scarlet with Navy Stripe, Navy with White Stripe, White with Crimson Stripe, Crimson with White Stripe, Scarlet with White Stripe, Black with Orange Stripe, Black with White Stripe and Gray with Navy Stripe	.65

PLAIN COLORS, White Cotton Feet.

		Per Pair
No. 668	Extra Heavy Weight Worsted Any Color	$1 98
No. 667	Heavy Weight Worsted, Any Color	1 65
No. 665	Heavy Weight Wool, Any Color	1 35
No. 664	Regular Weight Wool, Any Color	1.00
No. 659	Heavy Weight Cotton, Colors, Black, Navy, Crimson Royal Blue Scarlet and White	.55
No. 657	Regular Weight Cotton, Colors, Black, Navy, White, Crimson and Scarlet	.35

TWO COLOR, Upper Leg Part of One Color, Lower 6 in. at the Angle of Another Color, Generally White or Gray, White Cotton Feet.

		Per Pair
No. 668C	Extra Heavy Weight Worsted	$2 10
No. 667C	Heavy Weight Worsted	1 75
No. 665C	Heavy Weight Wool	1 45
No. 664C	Regular Weight Wool	1 10

These Stockings are made in any combination of color.

In ordering Stockings, mention Colors and Size Wanted.

Feetless Stockings, Same Price as Above.

BELTS

No. 627

No. 625

		Each
No. 627	Worsted Web, 2½ in. Wide, Leather Lined, Nickel Plated Buckle	$1.08
No. 625	Regulation, Worsted Web, 2½ in. Wide, Double Strap with Leather Covered Buckles	.75

Colors: Red, Royal Blue, Black, White, Navy Blue and Maroon.

Nos. 623 and 622.

No. 624

		Each
No. 623	Amateur, Cotton Web, 2½ in. Wide, Single Strap, Tinned Buckle	$0 35
No. 622	Junior, Cotton Web, 1¾ in. Wide, Single Strap	.30
No. 624	Cotton Web, 2½ in. Wide, Double Strap, with Nickel Plated Buckles	.45

Colors: Red, Royal Blue, Black, White, Navy Blue and Maroon.

		Each
No. 630	Heavy Solid Leather, 1½ in. Wide, Russet or Black, Nickel Plated Buckles	$1.08

These Goods are Made to Order and are SHIPPED FROM FACTORY, F. O. B. CHICAGO.

Base Ball Shoes.

No 460

Sprinting Base Ball Shoes.

Per Pair

No. 460—Men's Genuine Kangaroo Uppers, Oak Tap and Heel, Goodyear Stitched, Flexible Shank, Best Hand Forged Curved Steel Cleats Solid Copper Hand Riveted, Rawhide Thong Laces, Wing Tip, Claflin Last $7 00

Sizes 5 to 11.

Featherweight Official League Shoes.

Per Pair

No. 1860 Men's, Genuine Kangaroo Uppers with Side Lining and Outside Counter Pocket, Oak Tap and Heel, Goodyear Stitched with Extremely Flexible Shank, Latest Style High Carbon Straight Arm Steel Cleats, Solid Copper Hand Riveted, Rawhide Thong Laces, Wing Tip, Claflin Last $8 35

A Hand Turned Shoe. The lightest and finest Base Ball Shoe made, but 9 oz. in weight, yet strong and substantial

Sizes 5 to 11

No. 1860

Amateur League

Per Pair

No. 2472—Men's, Walloby Calf Uppers, White Finished Oak Sole, Spring Heel, Guaranteed Hardened Blued Steel Toe and Heel Cleats, Wing Tip, Claflin Last $3.70

Men's Sizes, 5 to 11; Boys' Sizes 2½ to 5½

Amateur League

Per Pair

No. 447—Men's, Dull Calfskin Uppers, a Light Tough Durable Leather Solid Oak Sole, Spring Heel, Guaranteed Hardened Blue Steel Toe and Heel Cleats, Wing Tip, Claflin Last $3 80

Men's Sizes 5 to 11, Boys Sizes, 2½ to 5½

Amateur League Special.

Per Pair

No. 1473 Men's, Kangaroo Calf Uppers, Solid Oak Sole, Spring Heel Guaranteed Hardened Blue Steel Toe and Heel Cleats, Wing Tip, Claflin Last $4 65

Men's Sizes: 5 to 11; Boys' Sizes, 2½ to 5½

A High Grade Solid Leather Shoe. Made of best material and one which we can especially recommend for a low priced shoe

No. 2472

Nos 447 and 1473

Track Shoes.

Running Shoes. Per Pair

No. 1401 Specially Selected Light Kangaroo Calf Uppers, Six High Carbon Steel Spikes Firmly Riveted and Reinforced by Double Rows of Sole Stitching, a Light Glove Fitting Upper Drawn Under at Heel to Secure a Snug Fit $5.00

Sizes 3 to 11.

Jumping and Hurdling Shoes.

Per Pair

No 1403—Special Quality Kangaroo Uppers Drawn Under Heel so as to Hug Foot and Prevent Chafing, Special Oak Tap and Heel with Flexible Shank, Six Carbon Steel Spikes in Tap and Two in Heel, Correctly Placed..... $6.10

Sizes 3 to 11

Running Pants.

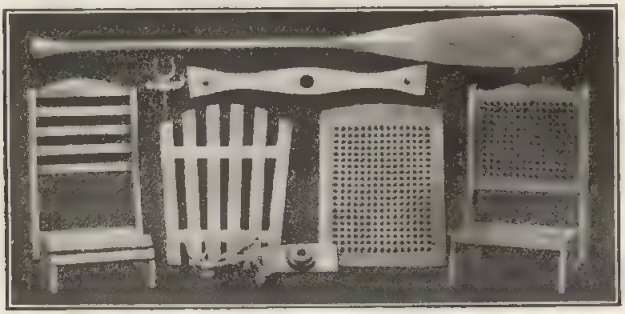
Fly Front, Lace Back.

Per Dozen

No. 603 Muslin, Best Grade..$ 7.80
No 203—Twill 8 90
No. 703—Sateen, Any Color... 10 00

Striping and color, on all styles, 75 cents Per dozen net. Place "S" after style number if striping is wanted and state color wanted or send samples

CANOE EQUIPMENT



PADDLES

Our better grade paddles are hand finished by guides, who know a good paddle. The "A" quality is the best selection of wood and is given a special fine finish. The "B" quality is not so carefully selected and finished, but will give the same service as grade "A." The "C" quality is partly machine made and occasionally a blemish may mar the appearance only.

No. **A.**	Single paddles, best quality white ash, spruce or maple	$1.50
No. **B.**	Single paddles, good quality white ash, spruce or maple	1 25
No. **C.**	Single paddles, fair quality spruce	1.00
No. **X.**	Single paddle, Indian made, oak or maple	2 00
No. **F.**	Single paddle, spruce, mahogany inlaid top, spear design	3 00
No. **E.**	Special racing paddle, Canadian made, spruce	2 25
No. **D.**	Double paddles, spruce, with brass, nickel plated friction joint in centre, straight blades	3.50
No. **D2.**	Double paddles, spruce, with brass, nickel plated friction joint in centre, spooned blades	5.00
No. **H.**	Featherweight double-blade spoon paddle, with brass ferrules	5 00
No. **P1.**	Setting poles, iron pick points, best quality	1.50

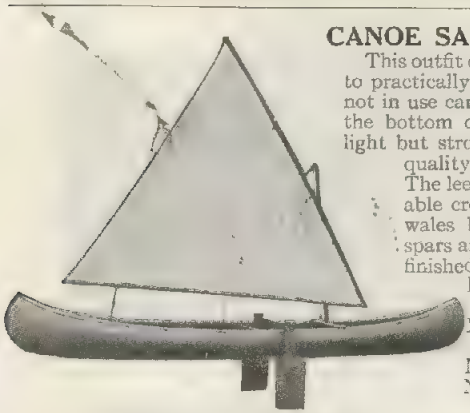
OAR LOCKS, DRIP CUPS AND PAINTER RINGS

No. **L2.**	Oar locks, galvanized, screws to gunwale. Per pair	$1 00
No. **L4.**	Oar locks outrigged, iron, folding and easily adjusted by thumb-screws to gunwale. Per pair	4.00
No. **25.**	Drip Cups, rubber, for double paddles, per pair	.35
No. **20.**	Sheet or Painter Rings for bow, brass	.50

SEATS, BACK RESTS, Etc.

No. **S1.**	Folding slat back chair, spruce, varnished	$1 00
No. **H1.**	Folding caned chair, finely finished hardwood	2 00
No. **M1.**	Folding caned chair, mahogany	2 50
No. **F1.**	Folding chair, upholstered Fabrikoid	2 00
No. **S2.**	Back rest, slat, spruce	.75
No. **M2.**	Back rest, slat, mahogany	1.00
No. **H3.**	Back rest, caned, hardwood	1 50
No. **M3.**	Back rest, caned, mahogany	2 00
No. **H4.**	Rowing seat without back, caned, hardwood	1 50

We do not Prepay Delivery on Canoes or Equipment



CANOE SAILING OUTFITS

This outfit can be attached with little fitting to practically all makes of canoes, and when not in use can be folded and easily carried in the bottom of canoe. The sail is made of light but strong balloon silk of much better quality than is used in the average sail. The leeboards are fitted with an adjustable cross-arm, attachable to the gunwales by grip bolts. The mast and spars are made of straight grained, well finished spruce and the fittings of brass.

No. **W1.** Mast thwart and step.... **$1.00**
No. **W3.** Sail with mast and boom.... **8.00**
No. **W5.** Leeboards . . **6 00**
No. **W6.** Compl't outfit. **15 00**

AUTOMATIC LEEBOARDS

With these you can run your canoe up on the beach, pull it up on the dock, fold up leeboards and place in rack without removing these from the canoe. There are two sizes, the narrow one fitting 16-foot canoes and the larger one 17 and 18-foot canoes.

No. **O5.** Made of oak..... **$6.25** No **M5.** Mahogany..... **$7.50**

PADDED CARRYING YOKE

This yoke is fitted to the gunwales of a canoe by wing nuts which may be easily attached or removed. To the hardwood cross bar are firmly attached two leather covered, hair filled pads which rest on the shoulder, when carrying a canoe.

No. **Y.** Wood with leather pads, weight about 2 lbs..... **$2.50**

"BOWL" CARRYING YOKE

This yoke is made from solid piece of cedar, shaped to fit the shoulders. It is very light and by a little fitting is attachable to all widths of canoes and light rowboats.

No. **Y3.** All cedar, weight about 2½ lbs..... **$4.00**

DRIP CUPS

Made of good quality rubber. To be fitted to double paddles to prevent water dripping on hands. Packed two in a box.

No. **25.** Weight 1½ oz., pair..... **$ .35**

FLAG POLE AND FLAG POLE SOCKETS

No. **22.** Flag pole, nickel-plated, 21 inches, ball top with socket....Each **$ 75**
No. **24.** Flag pole, nickel-plated, length 23 inches, oval or spear point top with flush socket and painter ring combined.....Each **1.25**
No. **25.** Combination socket and lamp bracket without pole.... Each **1.25**

Croquet Sets.

Varnished Balls and Stakes, Oiled Mallets, Ten Arches.

		Per Set
No. 01	—Four Ball Set, 5 in. Mallets, Weight Per Set About 14 Lbs.	$1.25
No. 016	—Six Ball Set, 5 in. Mallets, Weight Per Set About 17 Lbs.	1 60
No. 01X	—Eight Ball Set, 5 in. Mallets, Weight Per Set About 21 Lbs.	1 90

Striped Balls and Mallets, All Parts Varnished, Two Four-Colored Stakes, Ten Arches.

		Per Set
No. 02	—Four Ball Set, 5 in. Mallets, Weight Per Set About 14 Lbs.	$1.60
No. 02X	—Eight Ball Set, 5 in. Mallets, Weight Per Set About 21 Lbs.	2 20

Striped Balls, Mallets and Handles, Two Large Stakes, Heavy Galvanized Arches.

		Per Set
No. 03	—Eight Ball Set, 5 in. Mallets, Weight Per Set About 24 Lbs.	$2 70

Painted and Striped Balls, Mallets and Handles, Two Large Fancy Stakes, Galvanized Wire Arches.

		Per Set
No. 04	—Eight Ball Set, 6 in. Mallets, Weight Per Set About 24 Lbs.	$3 15

Elegant Maple Set, Elaborately Finished. Fancy Mallets, Striped Balls and Handles, Two Handsome Turned Stakes, Galvanized Wire Arches.

		Per Set
No. 05	—Eight Ball Set, 6 in. Mallets, Weight Per Set About 25 Lbs.	$3 80

Ebony Finished and Striped Balls, Mallets and Handles, Two Beautiful Turned Stakes, Galvanized Wire Arches.

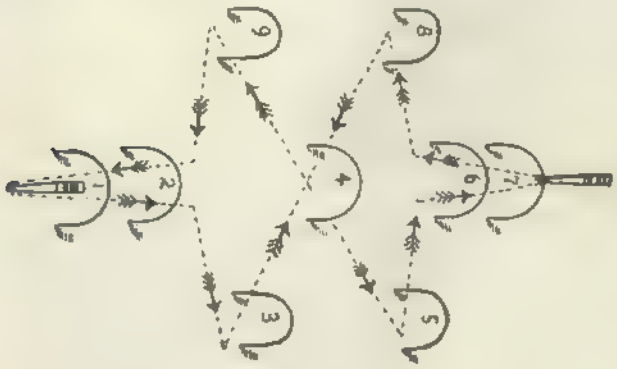
		Per Set
No. 06	—Eight Ball Set, 6 in. Mallets, Weight Per Set About 25 Lbs.	$5.35

PROFESSIONAL SETS

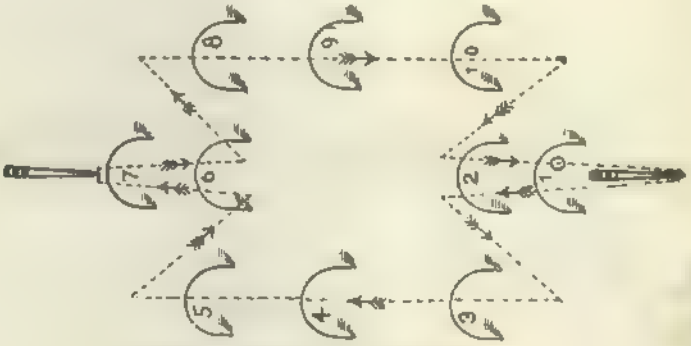
Short Striped Handles, Two Large Stakes, Heavy Galvanized Arches.

		Per Set
No. 07	—Four Ball Set, 8 in. Mallets, Weight Per Set About 18 Lbs.	$2.50
No. 076	—Six Ball Set, 8 in. Mallets, Weight Per Set About 22 Lbs.	3.00
No. 07X	—Eight Ball Set, 8 in. Mallets, Weight Per Set About 26 Lbs.	3.70

Each Croquet Set contains Books of Instruction Packed in Dove Tailed Box with Hinged Cover, Crated Three Sets in a Crate



Showing Diagram of Nine Arch Game



Showing Diagram of Ten Arch Game

Head Harness and Helmets.

REACH

HEAD HELMETS

Per Dozen

No. 0M—Fine Black Grain Leather, Lined with the Best White Felt, Leather Sweat Band, Moulded to Fit Head, Perforated for Ventilation, Adjustable Chin Strap, Made Long in the Back to Protect the Base of the Brain, Made in Sizes 7, 7⅛, 7¼, 7⅜ and 7½, Used by All Big Colleges $71.05

Per Dozen

No. B0—Finest Black Grain Leather, Lined with Best White Felt, Well Ventilated, Adjustable Chin Strap and Head Band, Will Fit Any Size Head, Extra Long in Back to Protect Base of Brain, Endorsed by the Leading Universities and Colleges..... $62 20

Per Dozen

No. 0—Finest Brown Grain Leather, Lined with the Best White Felt, Extra Strong, Well Ventilated, Long in the Back, Adjustable so that it Will Fit Any Size Head..... $53 80

HEAD HELMET

Per Dozen

No. 1H—Black Grain Leather, Thoroughly Padded with White Wool Felt, Lined with White Drill, Made Extra Long in the Back and has an Elastic to go Under the Chin, Sizes 7, 7⅛, 7¼, 7⅜ and 7½ $46 65

HEAD HARNESS

Per Dozen

No. 1—Fine Black Grain Strap Leather, Lined with Best White Felt, Well Ventilated, Made Extra Long in the Back, Adjustable to Any Size Head $35 55

HEAD HELMET

Per Dozen

No. 2—Black Grain Leather and Moleskin, Thoroughly Padded with White Wool Felt, Made Extra Long in the Back with Elastic to go Under the Chin, Sizes 7, 7⅛, 7¼, 7⅜ and 7½ $37 80

When Ordering Nos. 0M, 1H or 2, Mention Size Wanted.

HEAD HELMET

Per Dozen

No. 3—Brown Leather, Lined with White Felt, Made Extra Long in the Back, Adjustable to Any Size Head..... $20 65

HEAD HARNESS

Per Dozen

No. 4—Fine Grain Leather, Padded with White Felt, Made Extra Long in the Back, Elastic to go Under Chin, Adjustable to Any Size Head $26 65

HEAD HARNESS

Per Dozen

No. 5—Black Tan Leather, Well Padded with Grey Felt, Thoroughly Ventilated Adjustable to Any Size Head $18 65

Nose Masks.

MORRILL'S

Nos. 0 to 1

Finest Rubber, no Wire or Metal Used in its Construction.

Per Dozen

No. 0—Men's Size, Adjustable Mouth Piece $3 90

No. 0B—Boys' Size, Adjustable Mouth Piece 3 90

No. 1—Men's Size, Solid Mouth Piece 7 80

Rubber Mouth Pieces.

REACH

Per Dozen

No. A0—Mouth Pieces, for No 0 Nose Masks $4.45

No. AB—Mouth Pieces for No 0B Nose Masks 4 45

Shin Guards.

REACH

Nos 1, 2, 3, 4, 5, 6

	Per Dozen Pairs
No. 1—Inter-Collegiate, Men's Size, Black Grain Leather, Leatherette Bound. Cane Ribs, Leather Straps, Well Padded	$26.65
No. 2—Men's Size, Brown Tan Leather, Cane Ribs, Leather Straps, Well Padded and Bound	22.65
No. 3—Men's Size, Fine Moleskin, Cane Ribs, Leather Straps, Well Padded and Bound	17.80
No. 4—Men's Size, Pebble Grain Leather, Cane Ribs, Leather Straps, Well Padded	17.80
No. 5—Men's Size, Black Leatherette, Cane Ribs, Strong Straps, Well Padded and Bound	13.35
No. 6—Men's Size, Brown Canvas, Cane Ribs, Strong Straps, Well Padded	9.45
No. 7—Men's Size, Brown Canvas, Cane Ribs, No Straps, Worn Under Stocking, Well Padded, a Good Guard for Either Rugby or Soccer	8.90

No. 7

Foot Ball Clothing.

PANTS

COLLEGE STYLE

Cane Thighs, Inside Hip and Knee Pads.

	Per Pair
No. 0115—Genuine Army Khaki, Tan Color	$3.35
No. 0049—Heavy Khaki Duck	2.45
No. 0109—Khaki Colored Canvas	1.90

BOYS' STYLE

Quilted Thighs, Hip and Knee Pads.

	Per Pair
No. 0047—Heavy Khaki Duck	$1.70
No. 0107—Khaki Colored Canvas	1.25
No. 0104—Heavy White Drilling	1.00

Foot Ball Pads.

ELBOW

	Per Pair
No. 5214—Second Grade, Khaki Duck	$0.45
No. 5216—Black Napa Leather, Hair Padded	.90

SHOULDER

	Per Pair
No. 5215—Second Grade Khaki Duck	$0.45
No. 5217—Black Napa Leather, Hair Padded	.90

Basket Ball Pads.

	Per Pair
No. 0166—Knee Pads. Khaki Cloth, Thick Felt Lining, Adjustable Straps	$0.90

	Per Pair
No. 5209—Knee Pads. Khaki Cloth, Felt Lined, 3 in Elastic at Top, ½ in. Elastic at Bottom	$1.55

	Per Pair
No. 5208—Knee Pads. Black Napa Leather, Felt Lined, ½ in. Truss Elastic	$1.70

Foot Ball Clothing and Pads and Basket Ball Pads are Made to Order and Shipped F. O. B. Chicago.

MOCCASINS

THE "PENOBSCOT"

The regulation pac, but of better leather and better made than is usually sold. One-piece vamp, viscolized, full bellows tongue, single bottom, tan or russet color.

No. PP5. Height, 5 ins. $4.50
No. PP8. Height, 8 ins. 5.50

"PAWNEE"

This is the regular Indian style. Made of waterproofed, brown tanned leather, thong laced across instep and around heel.

Single Sole

No. 93S. Men's $2.40
No. 95S. Boys' 2.15

Tapped Sole

No. 93D. Men's $3.15
No. 95D. Boys' 2.95

SCOUT MOCCASIN

Made over an anatomical last that is specially suitable for a boy's growing feet and comfortable for youngsters and "grown-ups." A soft pliable low cut shoe of good quality tan leather, with light flexible sole and one lift heel.

No. SM. Men's sizes $3.25
No. SB. Boys' sizes 2.75

THE "STILLHUNTER"

Made with a double bottom, the vamp and bottom being in one piece and the outer bottom extending well up on the sides of the vamp. Often used for still hunting by those with tender feet.

For Men. Tan or russet leather, chrome tanned.
No. MD8. Height, 8 ins. $7.00

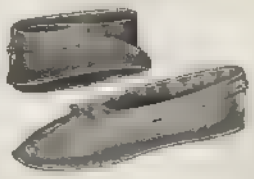
For Women. Chocolate colored, chrome tanned leather.
No. WD8. Height, 8 ins. $5.25

"BUNGALOW"

For canoe, camp or cottage use. Similar to a moccasin, but of neater design. Thread sewed, with leather thong, oak tanned, tan suede color.

No. 50. Men's sizes $2.25
No. 51. Boys' sizes 2 to 5 2.00

"PULLMAN"



A soft leather slipper that will fold like a glove. Admirably adapted for traveling on Pullman cars or for home use. A beautiful shade of Quaker gray, suede finish, horsehide, with silk lining.

No. 73. Men's or women's $2.00

THE "KIMONA"

A soft, comfortable, lounging moccasin for women. Beaver fur trimmed.

No. 61. Color, Nutria $3.50

INDOOR MOCCASINS

Made of soft reindeer brown leather with stitched sole of same material. The girl's are decorated with burnt and painted "Camp Fire Girls" design and the boy's with Indian head.

No. 56G. Girls' $1.50
No. 55B. Boys' 1.50

BEADED MOCCASINS

Of same material as above but decorated with beads. Women's and children's sizes.

No. 48T. Tepee design $1.75
No. 48A. Arrow design 1.75

"ESQUIMO"

Made by Alaskan Indians from genuine seal-skin with the fur outside and beautifully decorated with beads. Warm, comfortable, unique. For infants, children and women.

No. 99. Assorted sizes $2.25

Delivery Prepaid in U. S. if Cash as Above is Sent with Order

SPECIAL SHOES

ARMY SHOE—MUNSON LAST

The last over which this shoe is made was worked out by Government experts and since the adoption of this last, the foot troubles of our soldiers have been greatly relieved. The regular army, now marching across the arid desert of Western Mexico, as this book is being written, are wearing Herman's U. S. Army, Munson Last shoes. They are not waterproof, as the Government's theory is, that before it is possible to get water to wet them to prevent the "breathing" of the foot through the pores of the leather. The toes are wide, allowing the foot to spread in its natural position and the heel is cut snug, holding the foot from slipping forward. They are an ideal tramping shoe for men in all walks of life.

No. 65. Russet leather...$4.45 No. 67. Black leather...$4.45

BOY SCOUT SHOES

Uppers of chrome tanned leather, tan color, soft as a glove and well fitting. Pliable elk sewed sole with reinforced oak tanned outer soft on heel. Fine for camp or country wear.

No. 21Y. Sizes 1 to 5½..... $2 50
No. 21M. Sizes 6 to 11..... 3 00

WADING OR FISHING SHOES

This shoe opens down the toe, so the foot can be put easily in the shoe. Top is made of the best leather-bound, heavy canvas reinforced and the vamps of pliable leather.

No. 313. Not waterproof .. $4 50

FELT FOOTEES

Made of gray felt and moulded to conform to the contour of the foot. They are excellent for wearing inside of rubber boots or loose-fitting shoes.

No. 60. Felt, all sizes..... $ .50

SHEEPSKIN INNER SHOES

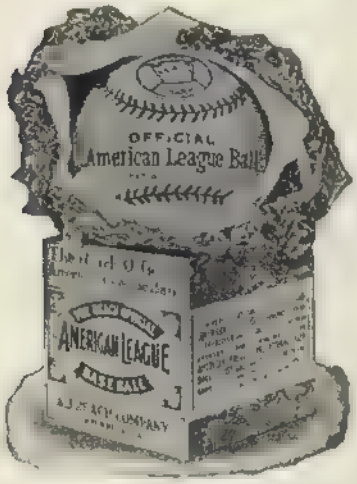
Made of sheepskin with the wool side in. "Warmth to toast" when worn inside of some close-fitting shoe or without outer shoe when driving, sleeping or fishing. Nos. 29 and 30 are intended for home or camp slippers.

No. 27.	Low cut, 3½ ins. high	$ 75
No. 26.	High cut, 6 ins. high	1 00
No. 29.	With soft leather sole.	1 25
No. 30.	Women's sizes, soft sole	1 25
No. 80.	Cork Insoles	10

Delivery Prepaid in U. S. if Cash is Sent with Order at Above Prices

Base Balls.

REACH



No. 0.

"American League."

Per Dozen

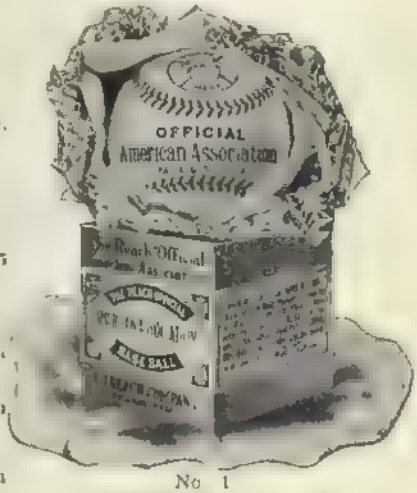
No. 0 —Superfine Wool Yarn, Cork Center, Covered with Best Para Rubber, Best Horsehide Cover, Guaranteed to Last a Full Game, Each Ball Wrapped in Tin Foil, Put up in Separate Box and Sealed $26 65

Used Exclusively by the American League.

"American League Junior."

Per Dozen

No. 0J -Same as No. 0, but Slightly Smaller in Size, Used by Junior Clubs $18 70



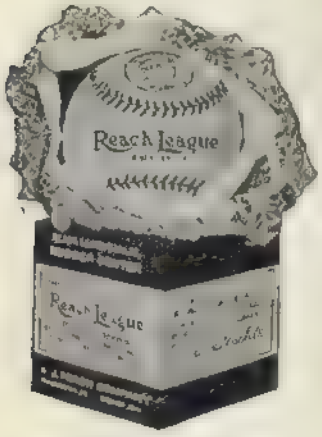
No. 1

"American Association."

Per Dozen

No. 1—Superfine Wool Yarn, Cork Center, Covered with Best Para Rubber, Best Horsehide Cover, Guaranteed to Last a Full Game, Each Ball Wrapped in Tin Foil, Put up in Separate Box and Sealed $26.65

Used Officially by the American Association.



No. 1L

"Reach League."

Per Dozen

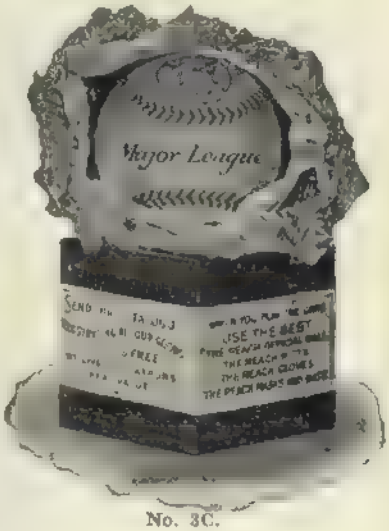
No. 1L—Best Wool Yarn, Best Para Rubber Center, Best Horsehide Cover, Guaranteed to Last a Full Game, Each Ball Wrapped in Tin Foil, Put up in Separate Box and Sealed..... $20 00

"Major League."

Per Dozen

No. 3C -Fine Wool Yarn Rubber Center, Horsehide Cover, Guaranteed to Last a Full Game Each Ball Wrapped in Tin Foil, Put up in Separate Box and Sealed $17.80

One Dozen in a Box.



No. 3C.

"Reach League Jr."

Per Dozen

No. 2 -Boy's Size, Best Wool Yarn, Best Para Rubber Center, Best Horsehide Cover, Guaranteed to Last a Full Game, Each Ball Wrapped in Tin Foil, Put up in Separate Box and Sealed $13 35

"Superior League."

Per Dozen

No. 4A—Regulation Size and Weight, Rubber Center, Wool Yarn, Horsehide Cover, Each Ball Put up in Separate Box and Sealed.... $13 35

"Athletic League."

Per Dozen

No. 6—Regulation Size, Rubber Center, Wool Yarn, Horsehide Cover, Each Ball Put up in Separate Box and Sealed $9 35

"Scholastic League."

Per Dozen

No. 5—Boy's Size, Rubber Center, Wool Yarn, Horsehide Cover, Each Ball Put up in Separate Box and Sealed... $8.90

One Dozen in a Box.
Approx. Weight Per Dozen 5 Pounds.

"Bounding Rock."

Per Dozen

No. 7—Regulation Size and Weight, Horsehide Cover, Each Ball Put up in Separate Box and Sealed..... $8.00

Base Balls.

REACH

"Cock of the Walk."

Per Dozen

No. 8—Regulation Size and Weight, Horsehide Cover. Each Ball Put up in Separate Box and Sealed..... $4 50

"Sky Scraper."

Per Dozen

No. 8B—Junior Size, Very Lively Material, Horsehide Cover. Each Ball Put up in Separate Box and Sealed.....$4 80

"Junior League."

Per Dozen

No. 9—Junior Size and Weight, Lively Material, Horsehide Cover, Each Ball Put up in Separate Box and Sealed.. $4.50

"Fire Fly."

Per Dozen

No. 9R—Junior Size, Lively Material, Red Horsehide Cover, Each Ball Packed in Sealed Box $4.50

"Lively Flyer."

Per Dozen

No. 9X—Made of Wool Yarn, Rubber Center, Horsehide Cover, Each Ball Packed in Sealed Box $5 00

"Champion."

Per Dozen

No. 11—Slightly Below Regulation Size, Waterproof Cover. Wrapped in Tissue Paper.. $1.80

Base Balls.

"Red Bird."

Per Dozen

No. 11B Boys' Large Size Red Waterproof Cover, Wrapped in Tissue Paper $1 60

"Bounder."

Per Dozen

No. 12 Good Lively Ball Waterproof Cover, Wrapped in Tissue Paper $0 90

Playground Balls.

OFFICIAL, Hand Made Throughout, Hand Stitched Horsehide Covers.

Nos.	P12	P14	P15
Inches	12	14	15
Per Dozen	$24 00	24 00	24 00

Nos.	P16	P17
Inches	16	7
Per Dozen	$24 00	24.00

Recreation Balls.

Highest Grade Material.

Per Dozen

No. 380—9 in., Regulation Size, Horsehide Cover.$8 90

No. 400 Youth's Size, Waterproof Cover.... 4.50

Playground Balls.

Highest Grade Material.

Per Dozen

No. 50B—14 in., Horsehide Cover $8 90

No. 25B—11 in., Waterproof Cover 4.50

The Recreation or Playground Balls have been endorsed by Public Playground Associations Can be batted and fielded like a regular Base Ball Will not injure the hands

Approx Weight Per Dozen of Above 4 Pounds

All Above, One Dozen in a Box

Catchers' Masks.

REACH

Per Dozen

No. 6W—Spitter, Double Frame, Extra Strong Double Wire Throughout, Gun Metal Enameled, Full Length Pads, Extra Padded, Used by Leading Professional Catchers **$113.25**

Per Dozen

No. SL—Spitter, Extra Heavy Wire, Gun Metal Enameled, Strong Brazed Joints, Patented Full Length Pads, with Special Pad for Head and Chin **$93.25**

No. WS

Per Dozen

No. WS—Wide Sight, Highest Grade Material, Special Heavy Wire, Black Finish, Specially Braced and so Constructed that it will not Knock Out of Shape, Full Length Pads, with Sun Shade **$106.75**

No. 0E—Same as No. WS, but without Sun Shade..... 88.90

No. 4U.

Per Dozen

No. 4U—Umpires', Extra Heavy Steel Wires, Gun Metal Enameled, Specially Braced, Well Padded, Green Transparent Sun Shade, Special Hinged Ear Protector and Neck Protector **$93 35**

No. 3U Same Style as No. 4U, without Neck Protector... **80 00**

Per Dozen

No. 00—Sun Protecting, Extra Heavy Steel Wire, Gun Metal Enameled, Molded Leather Chin Strap, Special Elastic Head Bands, Leather Sun Shade, Protecting the Eyes, without Obstructing the View..... **$76 00**

Per Dozen

No. 400—Wide Sight, Extra Strong Black Wire, Patented Full Length Pads, Special Pad for Ear and Chin **$71.15**

No. 10S.

Per Dozen

No. 10S—Neck Protecting, Extra Heavy Steel Wire, Gun Metal Enameled, Special Hair Filled Pads, Special Elastic Head Band, with Green Transparent Sun Shade **$71.15**

No. 0S Same Description as No. 10S, but without Sun Shade **62 25**

No. 20S.

Per Dozen

No. 20S—Special, Extra Heavy Steel Wire, Gun Metal Enameled, Strongly Put Together, Well Finished, Special Hair Filled Pads, Special Elastic Head Band, with Green Transparent Sun Shade **$56 00**

No. 1S—Same Description as No. 20S, but without Sun Shade. 44.50

No. 2S.

Per Dozen

No. 30S—Association, Heavy Steel Wire, Gun Metal Enameled, Strongly Put Together, Well Finished, Special Hair Filled Pads, Elastic Head Band, with Green Transparent Sun Shade.. . **$46.65**

No 2S—Same Description as No. 30S, but without Sun Shade 35 60

Open Stock.

Catchers' Masks.

REACH

Per Dozen

No. 40S—Regulation, Heavy Steel Wire, Black Enameled, Extra Strong, Well Padded, Special Elastic Head Band, Special Green Transparent Sun Shade....$36.70

No. 25S—Regulation, Heavy Steel Wire, Bright Finish, Extra Strong, Well Padded..$26.65

No. XX—Amateur, Bright Steel Wire, Well Padded, Strongly Constructed. 17.80

No. 50S—Amateur, Full Size, Steel Wire, Black Enameled, Well Padded, Strongly Constructed, Special Elastic Head Band, Green Transparent Eye Shade...$28.00

No. 60S—Amateur, Boys' Size, Same Description as No. 50S 26.65

No. XS.

No. 3M

No CM.

No. DM

Per Dozen

No. XS—Amateur, Boy's Size, Bright Steel Wire, Well Padded. Strongly Constructed, Special Elastic Head Band.....$17 80

No. 3M—Amateur, Men's, Heavy Bright Steel Wire, Well Padded and Finished, without Head or Chin Piece 13 35

No. CM—Youths', Heavy Black Wire, Well Padded, without Head or Chin Piece..... $8.90

No. DM—Youths', Light Wire, Well Padded, without Head or Chin Piece..... 4.50

Catchers' Leg Guard.

No. LG

For Catchers' or Umpires' Use.

Moulded Leather Knee Guard, with Joints Below the Knee, so that Catcher may move freely. The Material in Shin Part will turn the sharpest Spikes Strong Leather Ankle Protector, Reinforced with Felt Padding

Per Pair

No. LG.....$8 35

No. CG.. . . . 8 35

No. CG.

Pitchers' Toe Plates.

REACH

Aluminum.

Per Dozen

No. 5T Right or Left.....$4.50

Worn on the toe and affords a thorough protection to the shoe.

Shoe Toe Plates.

REACH

Per Dozen Pairs

No. 1T—Special, Extra Quality Steel, Hand Forged, Specially Tempered and Sharpened, Beveled Edges $8.90

No. 2T—League, Best Quality Steel, Specially Sharpened Points.... 4.50

No. 6T—Amateur, Good Quality Steel, Sharpened 1.70

One Dozen Pairs in a Box.

Shoe Heel Plates.

REACH

Per Dozen Pairs

No. 1H—Special, Extra Quality Steel, Hand Forged, Specially Tempered and Sharpened, Beveled Edges $8.90

No. 2H—League, Best Quality Steel, Specially Sharpened Points.... 4.50

No. 6H—Amateur, Good Quality Steel, Sharpened 1.70

One Dozen Pairs in a Box.

Soccer Foot Balls

REACH

Per Dozen

No. G—Official Gaelic, Selected Tuf-Ide Leather, in Eight Sections, Complete with Extra Heavy Pure Para Rubber Bladder, Lacing Needle and Leather Lace, Guaranteed Perfect Shape $106 00

No. E5A—Official Soccer, Selected Tuf-Ide Pebbled Grain Leather, Otherwise Same as No. G.. 100.00

Per Dozen

No. 5A—Match Association, Fine Pebble Grain Cowhide Leather, in Eight Sections, Complete with Pure Para Rubber Bladder, Lacing Needle and Leather Lace. $75.95

Per Dozen

No. 5B—Soccer, Pebble Grain American Cowhide Leather, New Soccer Pattern, Complete with Pure Para Rubber Bladder, Lacing Needle and Leather Lace $63 95

Per Dozen

No. 5D—The Association, Heavy Pebble Grain Leather, in Eight Sections, Extra Strong, Complete with Pure Para Rubber Bladder, Lacing Needle and Leather Lace. $44.40

Per Dozen

No. 5X—Amateur, Finest Pebble Grain Sheepskin Leather, in Eight Sections, Regulation Size, Canvas Lined, Complete with Rubber Bladder and Lace. $36.00

Per Dozen

No. 50X—Youths' Association, Fine Brown Grain Sheepskin Leather, Regulation Size, Canvas Lined, Button Ends, Complete with Rubber Bladder and Lace. $28.00

Per Dozen

No. XA—Boys', Brown Tanned Leather, Canvas Lined, Button Ends, Complete with Rubber Bladder and Lace..$18.65

Rugby Foot Balls

Per Dozen

No. E5—Official Varsity, Special Tuf-Ide Pebble Grain Leather, Tanned Expressly for this Ball, Only the Very Best Selection of this Leather is Used Insuring a Perfect Shape, Complete with Pure Para Rubber Bladder, Lacing Needle and Leather Lace . . . . . $96.60 .

Per Dozen

No. 5—Inter-Collegiate, Selected Pebble Grain Cowhide Leather, Perfect Shape, Perfectly Symmetrical, Complete with Pure Para Rubber Bladder, Lacing Needle and Leather Lace. $73.80

We can furnish Reach Catalogs containing the Resale Prices on the above items.

Rugby Foot Balls.

REACH

Per Dozen

No. 5R—Rugby Match. Superior Pebble Grain Cowhide Leather, Lined with Best Canvas, Guaranteed Perfect Shape, Regulation Size, Complete with Pure Para Rubber Bladder, Lacing Needle and Leather Lace **$62.20**

Per Dozen

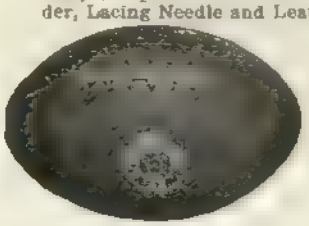
No. 5C—Academic Rugby. Fine Pebble Grain Cowhide Leather, Lined with Best Canvas, Guaranteed Perfect Shape, Regulation Size, Complete with Pure Para Rubber Bladder, Lacing Needle and Leather Lace **$55 95**

Per Dozen

No. 5F—Scholastic Rugby. American Pebble Grain Cowhide Leather, Canvas Lined, Regulation Size, Complete with Pure Para Rubber Bladder, Lacing Needle and Leather Lace..... **$46.65**

Per Dozen

No. 5H—Special Rugby, Selected Pebble Grain Leather, Lined with Best Canvas, Guaranteed Perfect Shape, Regulation Size, Complete with Pure Para Rubber Bladder and Leather Lace..... **$35 55**



Per Dozen

No. 5S—Amateur Rugby, Finest Pebble Grain Leather, Canvas Lined, Regulation Size, Guaranteed to Hold Their Shape Complete with Rubber Bladder and Lace..... **$28.00**

Per Dozen

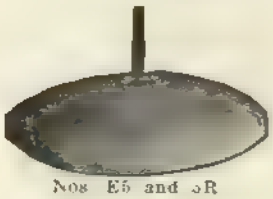
No. 5M—Practice Rugby, Fine Brown Pebble Grain Leather, Canvas Lined, Guaranteed to Hold Their Shape, Complete with Rubber Bladder and Lace..... **$22.65**

Per Dozen

No. 50—Youths' Rugby, Fine Brown Grain Leather, Canvas Lined, Guaranteed to Hold its Shape, Complete with Rubber Bladder and Lace **$17.80**

Foot Ball Bladders.

REACH RUGBY



Nos. E5 and 5R

Nos. 5S and 5C

REACH ASSOCIATION

Nos. OA and E5A.

Nos. 5X and CA

Pure Para Rubber, Thoroughly Tested.

		Per Dozen
No. E5	Four Piece, for Rugby Foot Balls No. E5	$17 80
No. 5R	Four Piece, for Rugby Foot Balls Nos. 5, 5R and 5C	14.65
No. 5-S	Two Piece, for Rugby Foot Balls Nos. 5F, 5H, 5S and 5M	12.00
No. 50	Two Piece, for Rugby Foot Balls No. 50	8 90
No. OA	Four Piece, for Association Foot Balls No. G	$17 80
No. E5A	Four Piece, for Association Foot Balls, Nos. E5A and 5A	14.65
No. 5A	Two Piece, for Association Foot Balls Nos. 5B, 5D, 5X and 50X	12 00
No. CA	Two Piece, for Association Foot Balls No. XA	8 90

All Bladders used in Reach Striking Bags, Foot Balls, Basket Balls and Volley Balls made of Pure Para Rubber are Guaranteed. These will be replaced within reasonable time unless he has a Puncture within 2 inches of the Stem which indicates carelessness in lacing

BUCKSKIN, SEAMLESS FOOT BALL BLADDERS

Nos.	Small 1	Medium 2	Large 3
Per Dozen	$12 25	13.35	15.55

Foot Ball Guides.

	Each
Foot Ball Guides	$0.25

We can furnish Reach Catalogs containing the Resale Prices on the above items.

Solid Box Vises.

BLACKSMITHS'

Forged Steel Body, Drop Forged Solid Steel Jaws, Crucible Steel Faced, One Piece Solid Steel Screw.

BLACKSMITHS'

HORSE SHOERS

Nos.	35	40	45	50	55	60	65
Wt. Each, Lbs.	35	40	45	50	55	60	65
Lgth. of Jaw, In.	3¾	4	4¼	4½	4¾	5	5
Vise Open, Inches.	3¾	4	4¼	4½	4¾	5	5
Each	$7.20	7.55	7.90	8.30	8.65	10.40	10.10
Nos.	70	75	80	85	90	95	100
Wt. Each, Lbs.	70	75	80	85	90	95	100
Lgth. of Jaw, In.	5¼	5¼	5½	5½	5¾	5¾	6
Vise Open, Inches.	5¼	5¼	5½	5½	5¾	5¾	6
Each	$10.80	11.50	12.60	13.35	14.40	15.10	15.85
Nos.			110	120	130	140	150
Wt. Each, Lbs.			110	120	130	140	150
Lgth. of Jaw, In.			6	6½	6½	7	7
Vise Open, Inches.			6	6½	6½	6¾	7
Each			$18.25	19.75	22.65	26 40	28 80

Open Stock

HORSE SHOERS'

Wrought Steel, Drop Forged Solid Steel Jaws, Crucible Steel Faced, One Piece Solid Steel Screw.

	Each
No. 65—65 Lbs., 6 in. Jaw, Opens 6 in.	$14 05
No. 70—70 Lbs., 6 in. Jaw, Opens 6 in.	15.10

Open Stock

Solid Vise Boxes and Screws.

	Wrought Steel.				
Nos.	1	1½	2	3	4
For Vise, Nos.	25 to 40	45 to 65	60 to 75	80 to 95	100 to 150
Diam. of Screw, Inches.	1	1⅛	1⅛	1⅜	1¾
Diam. of Box, Inches.	1½	1⅝	1¾	1⅞	2⅜
Weight Each, Lbs	10	12	14	16	18
Each	$5.25	6.00	6.00	6.75	10.30

Open Stock

Anvils.

VULCAN

Cast Iron Body, Solid Tool Steel Face, Horn is Covered with and its Point is Made Entirely of Tough Untempered Steel.

Nos.	00	0	1	2	3	4	5	6	7
Wt. Each, Lbs.	5	10	15	20	30	40	50	60	70
Each	$2 80	3 85	4.55	5.60	6.30	7.35	8.40	9.10	10.15
Nos.	8	9	10	11	12	13	14	15	
Wt. Each, Lbs.	80	90	100	110	120	130	140	150	
Each	$11.20	12.60	14.00	15.40	16 80	18.20	19.60	21.00	

Open Stock.

AMERICAN

One Piece Tool Steel Face, Forged Iron Body, Welded at the Waist.

Blacksmith's Anvil.

BLACKSMITHS'

	Per Pound
Weights Assorted 70 to 79 Lbs.	$0 23
Weights Assorted 80 to 300 Lbs.	.20

HORSE SHOERS'

	Per Pound
Weights Assorted 150 to 200 Lbs.	$0.16

Open Stock

Horse Shoers' Anvil.

Farmers' Anvil.

FARMERS'

Solid Cast Converted Steel, Polished Top.

Weight Each, Lbs.	50	70	100
Per Pound	$0.09	.09	.09

These Anvils are not intended for Mechanics but are suitable for Farmers and Household uses

PLOW

For Hammering Out Plow Shares, Heading Rivets, Etc.

Per Dozen

No. 10—Howell's Pattern, Solid Steel, Japanned, 8 in. Polished Steel Face, Length 5½ In., Weight Each About 4 Lbs. $10.55

Open Stock.

Plow Anvil.

Portable Forges.

BUFFALO AGRICULTURAL

No. 151.

With Half Hood. Each

No. 151—18 in. Diameter of Hearth, 8 in. Diameter Fan, Height to Top of Hearth 30 in., Weight Each 75 Lbs. $8.85

With Wind Shield. Each

No. 150—18 in. Diameter of Hearth, 8 in. Diameter Fan, Height to Top of Hearth 30 in., Weight Each 70 Lbs. $9 50

These forges are well constructed, with deep and strong hearth, and lever-operated steel fan. The support consists of four seamless steel tube legs, rigidly braced with an angle iron frame around the tips. The tuyere plate is so perforated as to give an even spread of blast.

No 150

No. 31.

With Half Hood. Each

No. 31—22 in. Diameter of Hearth, 12 in. Diameter of Fan, Height to Top of Hearth 30 in., Weight Each 115 Lbs., Complete with Climax Blower. $24.30

With Wind Shield. Each

No. 30—22 in. Diameter of Hearth, 12 in. Diameter of Fan, Height to Top of Hearth 30 in., Weight Each 110 Lbs., Complete with Climax Blower. $27 00

These Forges are equipped with the Buffalo Climax Blower, with full size 12 in. fan. The hearth is strong and sound, bowl-shaped casting, supported by four tube-steel legs rigidly braced. The tuyere plate is round and perforated to give an even spread of blast.

No 30

No. 54W.

With Half Hood. Each

No. 54 —23x35 in. Hearth, 12 in. Diameter of Fan Case, Height to Top of Hearth 30 in , Weight Each 180 Lbs., Complete with 12 in Climax Blower, without Water Tank $36 00

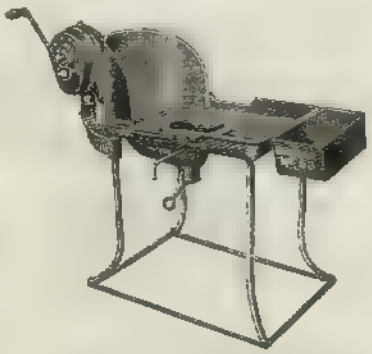
No. 54W—Same as No 54, with Water Tank 39.00

With Wind Shield. Each

No. 53 —23x35 in. Hearth, 12 in. Diameter of Fan Case, Height to Top of Hearth 30 in., Weight Each 175 Lbs., Complete with 12 in. Climax Blower, without Water Tank $34.20

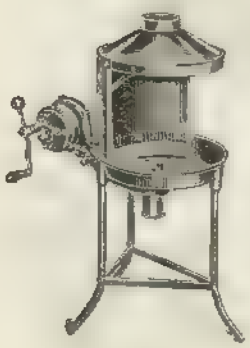
No. 53W—Same as No. 53, with Water Tank 37 80

This Forge is offered as a low-priced machine designed to fill the needs of the farmer and mechanic who desires an up-to-date forge, fitted with crank-operated blower instead of the lever type, and having enclosed instead of open gears. This demand is met by the combination of the Climax Blower and a large cast iron fire pan with modern pot tuyere iron having revolving clinker-breaking valve and automatic ash gate.



No. 53W.

TIGER



No 155.

With Half Hood and Crank Gear.

Each

No. 155—22 in. Diameter Hearth, 8¾ in. Blower, Height to Top of Hearth 30 in., Weight Each 90 Lbs. $26.65

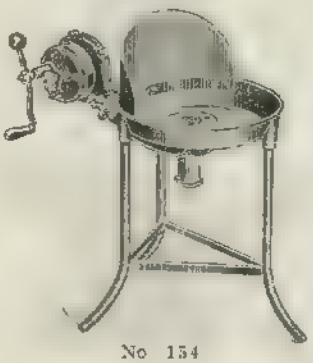
This Forge has half hood for indoor use, and is well adapted for Farmers, Small Shops where an inexpensive Forge is desired

With Wind Shield and Crank Gear.

Each

No. 154—22 in. Diameter Hearth, 8¾ in. Blower, Height to Top of Hearth 30 in., Weight Each 85 Lbs. $24.50

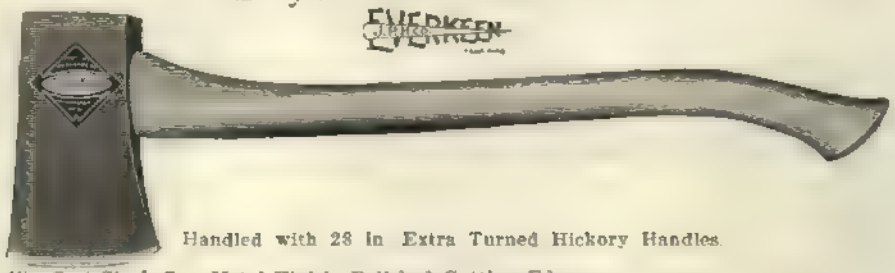
This is a very good outdoor Forge for use on Ranches, Farms, at Mines, Quarries, etc. where expensive equipment is not a necessity.



No 154

All Above, One in a Crate.

Boys' Handled Axes.

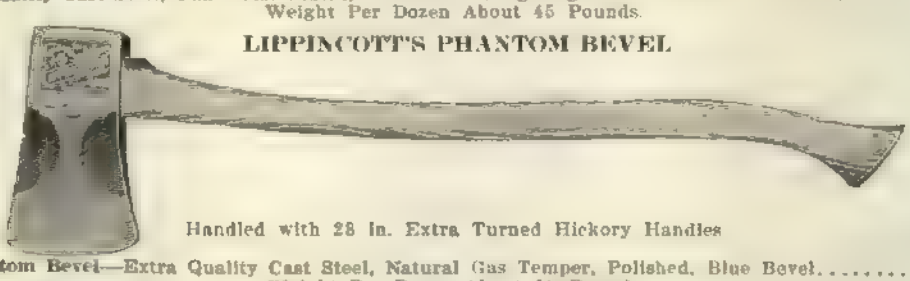


Handled with 28 in. Extra Turned Hickory Handles

Per Dozen

[illegible]—Extra Quality Cast Steel, Gun Metal Finish, Polished Cutting Edge $13.35
Weight Per Dozen About 45 Pounds.

LIPPINCOTT'S PHANTOM BEVEL

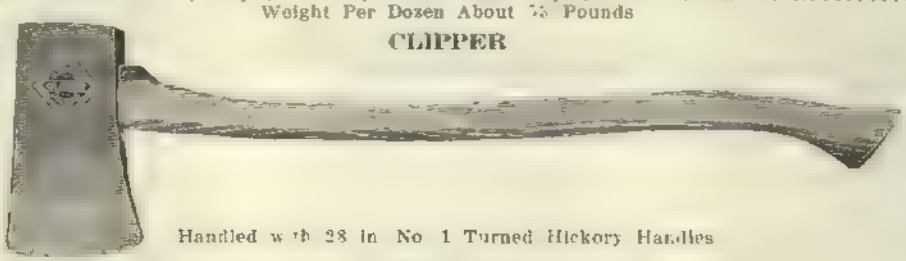


Handled with 28 in. Extra Turned Hickory Handles

Per Dozen

Lippincott's Phantom Bevel—Extra Quality Cast Steel, Natural Gas Temper, Polished, Blue Bevel. $14.45
Weight Per Dozen About 55 Pounds

CLIPPER

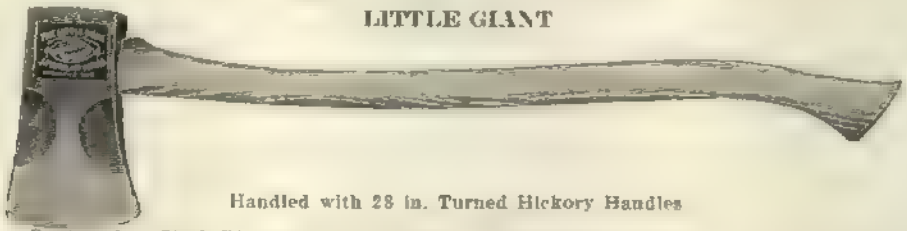


Handled with 28 in. No. 1 Turned Hickory Handles

Per Dozen

Clipper—Extra Quality Diamond Steel, Gold Bronzed, Polished Head and Bit $12.25
Weight Per Dozen About 45 Pounds

LITTLE GIANT



Handled with 28 in. Turned Hickory Handles

Per Dozen

Little Giant—Extra Quality Cast Steel, Blue Bevel, Red Finish, Polished Head and Bit. $12.25
Weight Per Dozen About 50 Pounds
All Above, One Dozen in a Box

Boy Scout Axes.

VULCAN

Extra Quality Cast Steel, Ebonite Finish, Polished Cutting Edge, Extra Hickory Fawn Foot Handle

Per Dozen

No. 500—3⅛ in. Cut, 5½ in. High, 13 in. Handle, Weight Each About 1½ Lbs., without Sheath $11.70
Weight Per Dozen About 21 Pounds
One-half Dozen in a Box.

Per Dozen

No. 100—Sheath for Above, 4x6 in. Russet Leather, with Button Clasp, Weight Each About ¼ Lb. . . . $6.70
Open Stock.

Sportsmen's Hatchets.

MASTER HUNTER.

Thin Bit, Warranted Solid Tool Steel, Full Polished, Selected Hickory Axe Handle Shape Handle.

Per Dozen

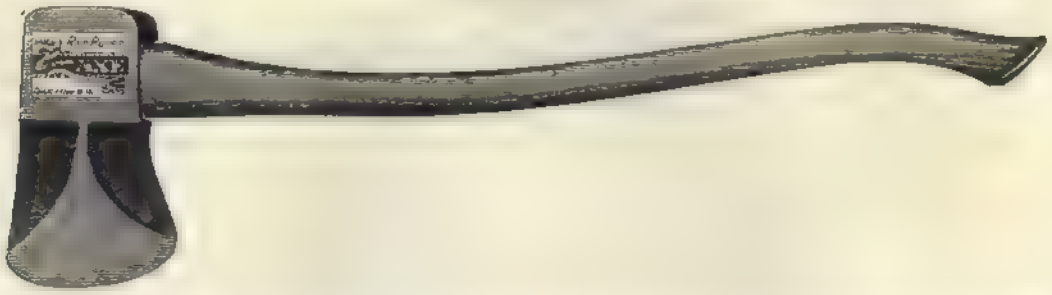
No. MH25—Master Hunter, 3¾ in. Cut, 5 in. High, 14 in. Handle, Weight Each 1½ Lbs. $16.50
Weight Per Dozen About 22 Pounds
One-half Dozen in a Box

Per Dozen

Extra Sheaths—For Above. $5.00

Men's Handled Axes.

RED ROVER



Red Rover—Extra Quality Steel, Blue Bevel, Red Finish Michigan Pattern Only, Handled with **Walnut** Stained Hickory Handle

	Per Dozen
Group No. 2—Consisting of 3½ to 4 Lbs., 3½ to 4½ Lbs.	$17.45

Average Weight Per Dozen 80 Pounds.
One Dozen in a Crate

FALLS CITY

Falls City—Extra Quality Diamond Steel, Blue Bevel, Red Finish, Yankee and Michigan Pattern

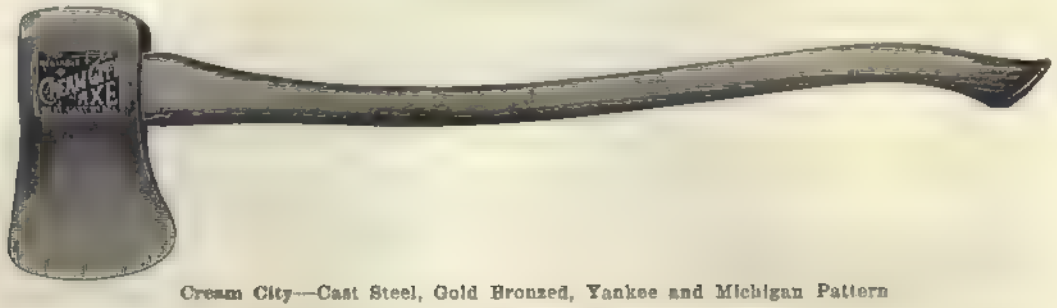
Handled with 36 in. **Extra Turned** Hickory Handles.

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	$17.75
Group No. 2—Consisting of 3¾ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	18.35
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	18.90

Average Weight Per Dozen 78 Pounds
One Dozen in a Crate

CREAM CITY



Cream City—Cast Steel, Gold Bronzed, Yankee and Michigan Pattern

Handled with 36 in **Extra Turned** Hickory Handles.

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	$16.65
Group No. 2—Consisting of 3¾ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	$17.20
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	17.75

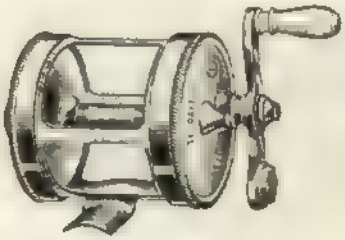
Average Weight Per Dozen 78 Pounds.
One Dozen in a Crate

NOTE—Combinations of any other styles of Axes and Handles, either Single or Double Bit, not mentioned, will be furnished to order.

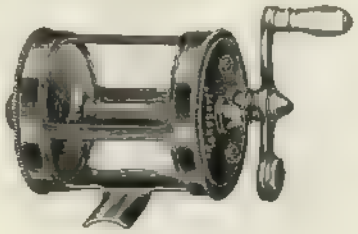
Fishing Reels.

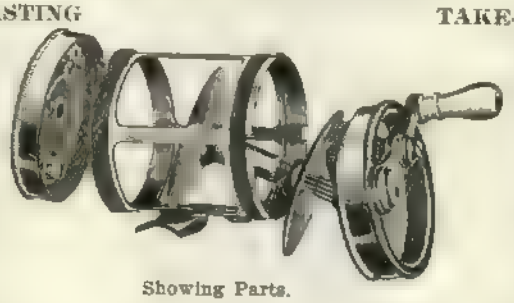
QUADRUPLE MULTIPLYING

TRI-PART CASTING



TAKE-APART, CASTING





Showing Parts.

Tri-Part.

Nickel Plated Brass Frame and Reel Seat, Satin Finish Ends, German Silver Spool, Steel Pivots and Pinions, Bronze Bearings, Steel Spring and Brass Ratchet Wheel, White Celluloid Balance Handle, Spool 1⅝ in. Wide, 1¾ in. Diameter, Adjustable Click.

	Each
No. 35—Capacity 80 Yards, Diameter of Disk 2 in., Weight Each About 10 Oz.	$5.00
No. 50—Free Spool, Capacity 80 Yards, Diameter of Disk 2 in., Weight Each About 10 Oz.	7.80

Tubular Frame and Reel Seat, drawn from one piece plate brass without Solder, Joint or Rivet, German Silver Spool, Detachable Knurled Head Rings. To take apart unscrew the Knurled Head Ring at either end, preferably on the Click Side

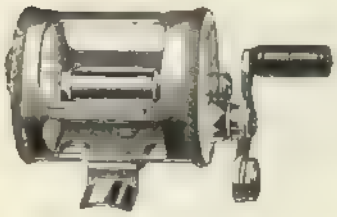
Take-Apart.

Nickel Plated Brass Frame and Reel Seat, Satin Finish Ends, German Silver Spool, Steel Pivots and Pinions, Bronze Bearings, Steel Spring and Brass Ratchet Wheel, White Ivory Balance Handle, Spool 1⅝ in. Wide, 1¾ in. Diameter, Adjustable Click

	Each
No. 25—Capacity 100 Yards, Diameter of Disk 2 in., Weight Each About 11 Oz.	$6 15
No. 45—Free Spool, Capacity 100 Yards, Diameter of Disk 2 in., Weight Each About 11 Oz.	8.90

B. F. MEEK & SONS

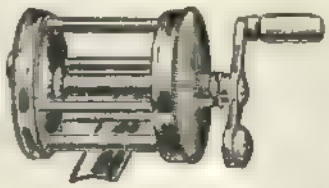
IMPROVED "BLUE GRASS SIMPLEX"



German Silver and Brass, Nickel Plated. One Piece Hard Drawn Brass Rod Gear, Stubs Steel Pinion, Cut on Rod Running through Spool, thus Making Pivots and Pinion One Solid Piece, Pivots are Tempered and Ground. Has Scrolled Aluminum Thumb Rest, Oil Tempered Steel, Back Sliding Click Drag

	Each
No. 33—Simplex, Capacity 120 Yards No. 5 Kingfisher Line Diameter of Spool 1⅝ in Length of Spool 1⅝ in, Outside of Frame 1¾ in., Weight Each About 9 Oz	$12 25

The Frame is made from one piece of seamless tubing, threaded on the interior The Front Plate is rigidly fixed in Frame and carries bearing for both gears and front pivot of Spool



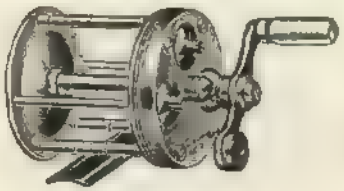
German Silver, Imported Stubs' Steel Pinion and Gear Stud, Tempered, Ground and Polished, Oil Tempered Steel Spring and Back Sliding Click

	Each
No. 025—Simplex, Capacity 85 Yards No. 5 Kingfisher Line, Diameter of Spool 1⅝ in., Length of Spool 1½ in. Outside Diameter of Frame, 1⅞ in., Weight Each About 9 Oz.	$16.70

This Reel can be easily taken apart for cleaning and oiling, by unscrewing Cap at back end and Thumb Nut on front end of Reel. Back Cap has left hand thread to prevent unscrewing when casting.

The front plate is intended to remain in the frame permanently and it is not necessary to remove it to clean and oil the Reel

"BLUE GRASS" KENTUCKY



No 03

Finest German Silver, Spiral Gears, Anti-Friction Bearings, Tempered Tool Steel Pivot and Stud, Screw-Off Cap. Ivory Balance Handle, Click and Drag.

With Plain Bearings.

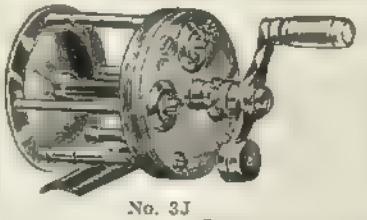
	Each
No. 03—Capacity 120 Yards No. 5 Kingfisher Line, Diameter of End Plate 2 in., Length of Spool 1⅝ in, Weight Each About 10 Oz.	$25 00
No. 04—Capacity 160 Yards No. 5 Kingfisher Line, Diameter of End Plate 2¾ in., Length of Spool 1⅝ in., Weight Each About 12 Oz.	30.00

With Jeweled Bearings.

	Each
No. 03J—Same Description as No. 03	$33.35
No. 04J—Same Description as No 04	38.35

NOTE—Handles at Top or Bottom on All Above, One in a Box.

GENUINE "MEEK" KENTUCKY



No. 3J

Most Perfect Reel Made

Finest German Silver Spiral Gears, Anti-Friction Bearings, Tempered Tool Steel Pivots and Stud, Screw-Off Oil Caps, Ivory Balance Forward Handle, Click and Drag.

With Plain Bearings.

	Each
No. 2—Capacity 85 Yards No. 5 Kingfisher Line, Diameter of End Plate 1¾ in., Length of Spool 1⅝ in., Diameter of Spool Head 1¼ in., Weight Each About 10 Oz.	$43.35
No. 3—Capacity 120 Yards No. 5 Kingfisher Line, Diameter of End Plate 2 in., Length of Spool 1¼ in., Diameter of Spool Head 1½ in., Weight Each About 11 Oz.	43 35
No. 4—Capacity 160 Yards No. 5 Kingfisher Line, Diameter of End Plate 2¾ in., Length of Spool 1⅝ in., Diameter of Spool Head 1⅝ in., Weight Each About 12 Oz.	46.70

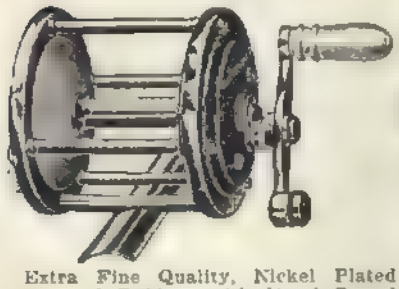
With Jeweled Bearings.

	Each
No. 2J—Same Description as No. 2	$53.35
No. 3J—Same Description as No. 3	53 35
No. 4J—Same Description as No. 4	56 70

NOTE—Handles at Top or Bottom on Nos. 2, 3 and 4, Add $2.00 to List

Fishing Reels.

NEW RECORD

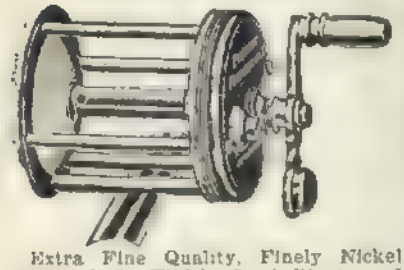


Extra Fine Quality, Nickel Plated Brass and Rubber, with Metal Bound Edges, Steel Axle, Pivots and Pinion, Metal Bridge for Steel Cog Post, Steel Ratchet, Steel Spring, 1⅝ in. Long Spool, Fancy White Celluloid Balance Handle, Adjustable Back Sliding Click and Drag.

Per Dozen

No. 428—Plain Caps, Capacity 80 Yards, Diameter of Disk 2⅛ in., Weight Per Dozen About 7½ Lbs.....$80.00

PREMIER CASTING



Extra Fine Quality, Finely Nickel Plated, Satin Finish, Steel Pivots and Pinion, Steel Ratchet and Spring, 1⅞ in. Long Spool, Fancy White Celluloid Balance Handle, Metal Pinion Cover, Front Sliding Drag, Back Sliding Click

Per Dozen

No. 518J—Jeweled Caps, Capacity 80 Yards, Diameter of Disk 2 in., Weight Each About 11 Oz.....$56.65

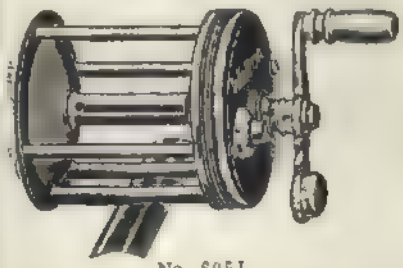
"PFLUEGER REDIFOR" ANTI BACK-LASH

German Silver, Satin Finish, Steel Axles and Pinions, Generated Spiral Tooth Gears, 1⅞ in. Long Spool, Amber Fluted Balance Handle, Phosphor Bronze Bushed Bearings, Adjustable Front Click and Drag, Jeweled Tension Oil Cups.

Each

No. 1433J—Jeweled Caps, Capacity 100 Yards, Diameter Disk 2 in., Weight Each About 10 Oz., in Velvet Lined Jeweler's Display Case $11.70

QUADRUPLE MULTIPLYING "WALTON" TOURNAMENT CASTING



No 605J

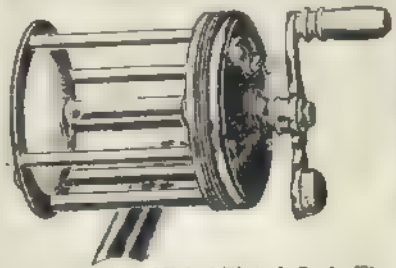
Finest Quality Nickel Plated, Satin Finish, Steel Pivots, Axle, Ratchet and Spring, Plain Bearings, Metal Caps, 1⅞ in. Long Spool, Fancy White Celluloid Balance Handle, Adjustable Back Sliding Click and Front Drag.

Per Dozen

No. 505—Plain Caps, Capacity 60 Yards, Diameter of Disk 2 in., Weight Each About 10 Oz.....$44.00

No. 605J—Jeweled Caps, Capacity 60 Yards Diameter of Disk 2 in., Weight Each About 10 Oz.....53 35

CLUB FREE SPOOL CASTING

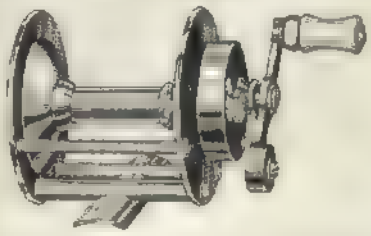


Fine Quality, Nickel Plated, Satin Finish, Steel Axle, Pivots and Pinion, Jeweled Bearings, 1⅞ in. Long Spool, Fancy White Celluloid Balance Handle, Adjustable Click. The Spool can be Made Free Running by Moving Lever Down; to Wind up Line Move Lever Up.

Per Dozen

No. 15J—Capacity 60 Yards, Diameter of Disk 2 in., Weight Each About 10 Oz..$03 25

"STOCKFORD" OPEN SPOOL CASTING



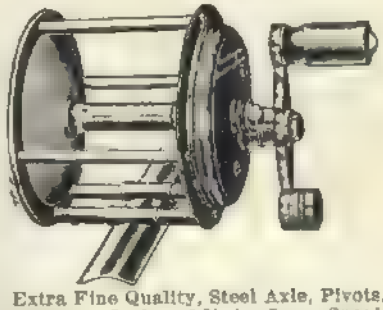
Nickel Plated Brass, Satin Finish, Solid Axle or Pinion Rod, 2 in. Long Spool, Fancy White Balance Handle, Back Sliding Click.

Each

No. 90—Capacity 80 Yards, Diameter of Disk 2⅛ in., Weight Each About 9 Oz.....$9 00

One in a Box

ROYAL CASTING



Extra Fine Quality, Steel Axle, Pivots, Pinion and Spring, 1⅝ in. Long Spool, Metal Bridge for Steel Cog Post, Fancy White Celluloid Balance Handle, Combined Adjustable Click and Drag on Back Plate

Per Dozen

No. 616—Nickel Plated, Plain Caps, Capacity 60 Yards, Diameter of Disk 2⅛ in., Weight Each About 10 Oz..$44 50

No. 616J—Satin Finish, Jeweled Caps, Capacity 60 Yards, Diameter of Disk 2⅛ in., Weight Each About 10 Oz. 56.65

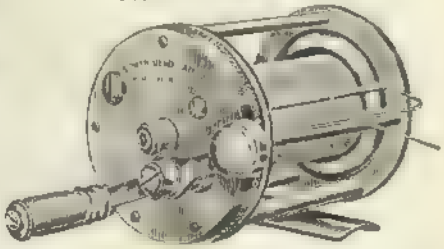
WORTH

Finest Quality, German Silver, Hand Polished, Satin Finish, Phosphor Bronze Gears and Bearings, 1⅞ in. Spool, Steel Pinions and Pivots, Fancy Ivory Handle, Balanced Crank, Adjustable Front Sliding Click and Drag, Fancy Oil Cups, with Genuine Agate Jewels

Each

No. 1823J—Capacity 60 Yards, Diameter of Disk 2 in., Weight Each About 10 Oz..$10.00

ANTI-BACK LASH



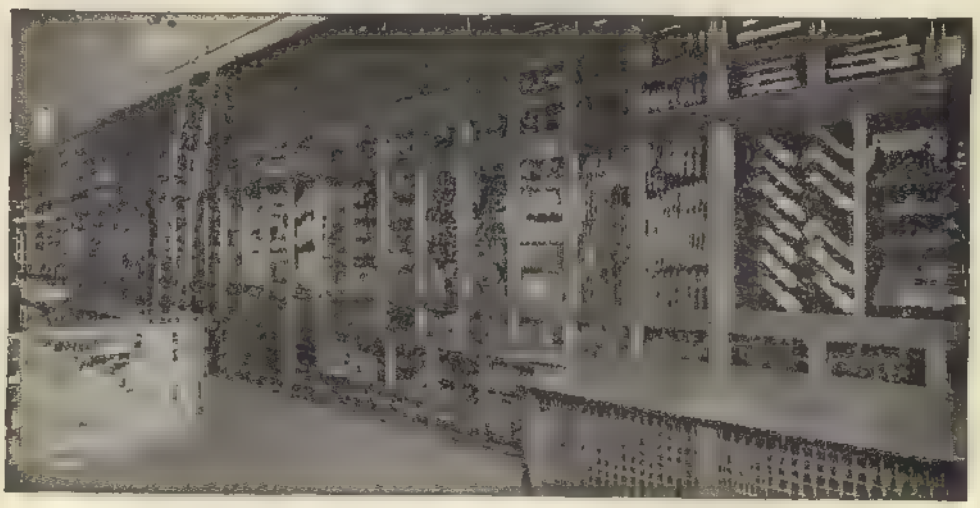
Solid German Silver Frame, Special Steel Spool and Gear Journals, Accurately Finished in Solid Phosphor Bronzed Bushings, Gear Cut from Hard Drawn Brass, Special Tool Steel Pinion, Fancy Crank, Ivoroid Handle.

Each

No. 55—Jeweled Caps, Capacity 100 Yards, Diameter of Disk 2 in., Weight ach About 8 Oz. $11.15

It will not cost as much as you believe to

INSTALL WARREN HARDWARE FIXTURES

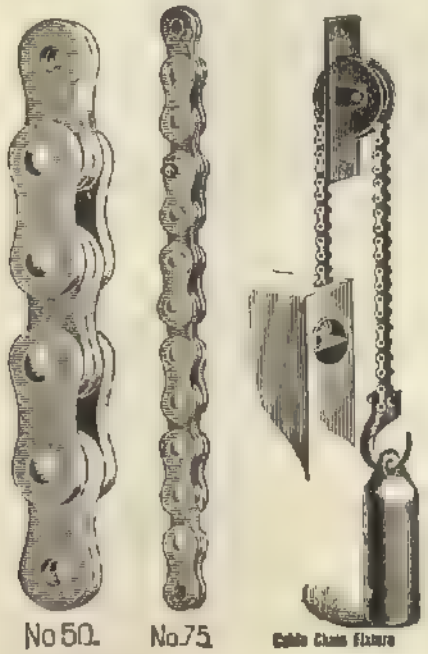


A Warrenized Store as shown above controls the trade of the town.
The stock is clean, well sampled and always at hand.

Write for our NEW price list and catalogs 45 and 195

J. D. WARREN MFG. COMPANY, Chicago

EASTERN DISPLAY ROOM—253 BROADWAY -NEW YORK



Cable Chains
Transom Chains
Sash Chains
Plumbers' Chains
Jack Chains

Capacity 30 Miles per day

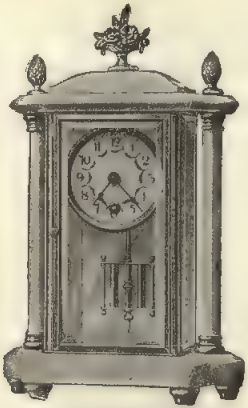
The Smith & Egge Mfg. Co.
Bridgeport, Conn.

G.W. HUNTLEY © CHICAGO

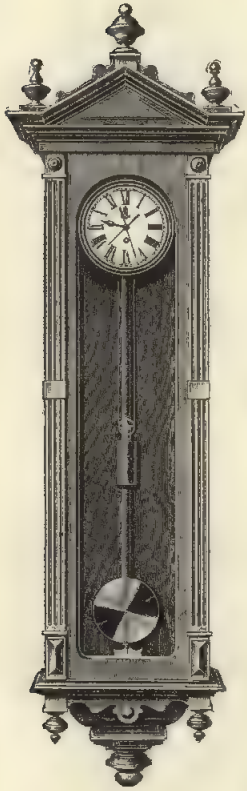
Fine Imported Regulators

1863 1915

PRICES EACH



No. 1758 **CRYSTAL REGULATOR—$25.00**
Genuine mahogany case.
With gilt trimmings.
Height 14 inches. Width 7 inches.
3-inch fancy porcelain dial.
Center case in polished brass with four
bevel plate glasses.
Imitation mercurial pendulum.
Eight-day movement.
Same as above in oxy color enameled wood case
No. 1728 Crystal Regulator..... $25.00

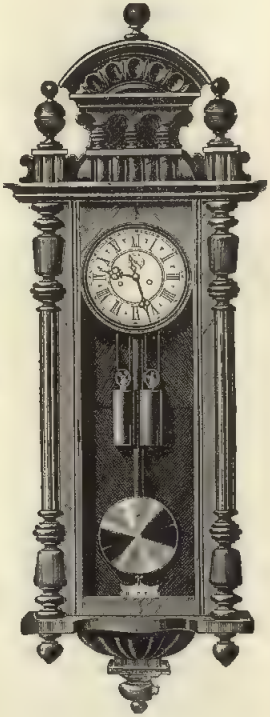


WATCHMAKER REGULATOR

No. 1833 ..... **$150.00**

Walnut case, mahogany finish, light or dark
oak.
Height 76 inches. Width 27 inches.
Silver plated dial, 12 inches.
Sweep second.
Highest quality movement made.
Solid plates. Steel pinions.
Compensating gridiron pendulum.
Graham dead beat escapement maintaining
power.

No. 589 **BRUNSWICK—$106.35**
Westminster chime regulator.
Genuine mahogany case.
Height 32 inches. Width 13 inches.
Silver plated dial, 8 inches, with raised
numerals.
Door inlaid with beveled glass.
Full Westminster chime on five tube-staffs.
Eight-day, quarter-strike movement.



No. 1736 **REGULATOR—$46.65**

Polished walnut case.
Height 51½ inches. Width 13 inches.
Porcelain dial, 8 inches.
Eight day half hour strike gong.
Weight movement.

No. 1554 **REGULATOR—$50.00**

Polished walnut case.
Height 53¾ inches. Width 19 inches.
Porcelain dial, 8 inches.
Eight-day, half-hour strike gong.
Weight movement.

G.W. HUNTLEY CO. CHICAGO

Fine Imported 400 Day Clocks

Each Clock Regulated and Securely Packed

1863 1915

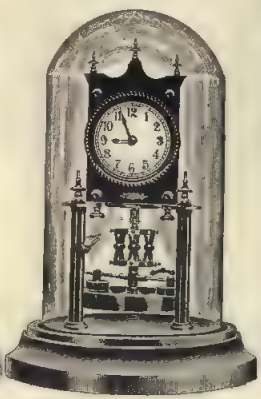
PRICES EACH

No. 204 **400-DAY CLOCK—$21.65**
Height 12 inches. Diameter 7½ inches.
Ivory finished dial, 3 inches. Glass globe.
Runs 400 days with one winding.
Brass plated base.
Movement made with steel cut pinions.

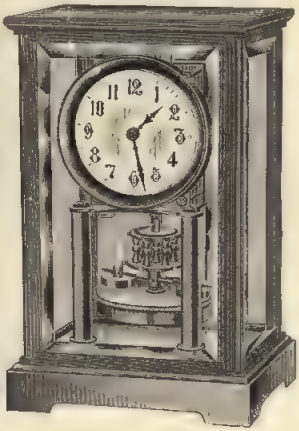
No. 450 **STAR—$33.35**
400 Day Clock.
Height 12 inches. Diameter 7½ inches.
Runs 400 days with one winding.
Fancy French enameled dial, 4½ inches.
Glass globe.
New compensating pendulum.
New colonial brass base.

No. 500 **400-DAY CLOCK—$30.00**
Height 12 inches. Diameter 7½ inches.
Ivory finished fancy French dial, 4 inches.
Glass globe.
Runs 400 days with one winding.
Mahogany or brass base.

No. 495 **400-DAY CLOCK—$62.50**
Mahogany case with gold trimmings on Columns.
Height 14⅝ inches. Width 9¾ inches.
4¼-inch porcelain dial.
Glass cylinedr over movement. Dustproof
Runs 400 days with one winding



No. 475 **400-DAY CLOCK—$27.50**
Height 12 inches. Diameter 7½ inches.
Ivory finished dial, 3 inches. Glass globe.
Runs 400 days with one winding
New column, brass base.



No. 490 **400-DAY CLOCK—$70.85**
Crystal case, rich gold plated.
Height 10⅛ inches. Width 6⅛ inches.
Porcelain dial, 4 inches.
Runs 400 days with one winding

ALARM CLOCKS

Seamless Drawn Brass Case, Heavily Nickel Plated and Polished.

	Each
No. 4532—Gilbert Ohio, 30 Hour Intermittent Long Alarm Movement, Plain Jet Black Numerals, Clear Cut Hands, Width 5¼ in., Height 6¼ in., Large Clear Toned Bell on Back, Positive Plunger Shut-Off	$....

Rings automatically every 24 hours. Alarm Stopped by pressing button in ring handle, which automatically sets it to ring again in 24 hours, permanent alarm shut-off on back

Symmetrical Case of Seamless Drawn Brass, Heavily Nickel Plated and Polished, Runs Nine Days.

	Each
No. 4535—Gilbert Nine, Nine-Day Automatic 5 in Engraved Dial with Heavy Raised Jet Black Numerals and Clear Cut Hands, Width 5¼ in., Height 7 in., 24 Hour Alarm, Indicating Dial for A. M. or P. M. Settings with Second Hand..	$

WATCHMAN'S PORTABLE CLOCK SYSTEM

"ALERT"

Labeled by the National Board of Fire Underwriters.

The Associated Factory Mutual Fire Ins. Co.'s.

The purpose of a Watchman's Clock is twofold insurance and assurance The Fire Insurance Underwriters allow a considerable reduction in rate where a watchman is employed equipped with an approved Watchman's Clock The "Alert" Watchman's Clock is an assurance to you that your watchman actually renders the service for which he is paid

No. 15 Alert Clock.

No. 15—Model "B" Station.

No. 17—Model "C" Station.

No. 14—Model "A" Station.

The case of the **"Alert"** clock is aluminum making it light and durable and preventing tarnish or injury from grease and acids It is provided with a patented detective lock which makes it impossible to lock or unlock the clock without detection.

The **movement** is designed and manufactured in accordance with the most stringent requirements for accuracy and endurance It has an eleven jewel escapement, which assures correct time-keeping It has a patented spring-driven dial carrier which prevents the watchman from stopping the movement by leaving the recording key in the clock

The **movement** is interchangeable, meaning that an extra one may be kept on hand to prevent interruption of the service, or that one may be sent from the factory for use while the original one is being cleaned and oiled This **feature is exclusive; and it is indispensable for maintaining continuous service.**

Unless otherwise ordered, clocks are arranged for 12-hour dials Clocks may be arranged for 24 hour dials without extra cost.

The installation of the system consists merely of fastening the stations in their respective position with screws and patented metal seal There is no wiring With the "Alert" Clock three models of stations are optional (as described below) There is only one size and model of Alert Clocks regardless of the number of stations used with it.

The cost of a complete system is arrived at by adding to the price of the clock the required number of stations at the price of the model selected for your requirements

	Each
No. 12—"Alert" Clock, Size 5½x5½x2½ in with Leather Pouch and Wire Grills to Protect Crystal and One Year's Supply of Paper Dials, Weight 2¾ Lbs.....	**$45.00**
No. 15—Model "B" Station (the Standard for Inside Use), Size of Box 2x4x1 in Drop Cover, Complete with Patented Metal Seals.....	**1.50**
No. 17—Model "C" Station (Lock Box and Practical for Use at Exterior Points), Size 2½x6x2 in with Master Key for Unlocking and Patented Metal Seals.....	**2.00**
No. 14—Model "A" Station (Lock Box for Exterior Points and for Interior Points where Station Will be Fastened to Walls that are Likely to be Damaged by the Watchman Dropping the Recording Key Instead of Hanging it up), Size 2½x6x2 in., with Master Key for Unlocking and Patented Metal Seals.	**2.50**

ALARM CLOCKS

Seamless Brass Case, Roll Front, Nickel Plated, Bell Metal Gong on Back.

Each

Junior Tattoo—One Day Time Movement, Intermittent, 2¼ in. Dial, Width 2¼ in., Height 3¼ in., Rings Intermittently Every 20 Seconds for 5 Minutes, with Alarm or Silent Switch.. ... ..$...

Radium Dials and Hands Show the Time in the Dark. The Clock for Night Use.

With Radium Dial.

Seamless Brass Case, Roll Front, Nickel Plated, Bell Metal Gong on Back.

Each

Radium Junior Tattoo—One Day Time Movement, Intermittent, 2 in. **Radium Dial**, Width 2¼ in., Height 3¼ in., Rings Intermittently Every 20 Seconds for 5 Minutes, with Alarm or Silent Switch ....$....

Seamless Brass Case, Roll Front, Nickel Plated, Bell Metal Gong on Back.

Each

Tattoo One Day Time Movement, Intermittent, 4½ in. Dial, Width 4½ in., Height 6¼ in Rings Intermittently Every 20 Seconds for 15 Minutes, with Alarm or Silent Switch.....$....

Radium Dials and Hands Show the Time in the Dark The Clock for Night Use

With Radium Dial.

Seamless Brass Case, 4½ in. Wide, Highly Polished and Nickel Plated, 3¾ in. Bell Metal Gong on Back.

Each

Radium Slumber Stopper—One Day Time Movement, 3¾ in. **Radium Dial**, Bowed Glass, Height 5¾ in., with Silent Switch on Top for Stopping Alarm .....$....

Brass Case, Nickel Plated and Highly Polished, Bell on Top.

Each

Our Leader—30 Hour Time Movement, Perfect Alarm Adjustment, 4 in. Dial, Height 6 in.. with Shut-Off Switch .....$ . .

The bell on these clocks has a loud, clear tone and a long enough ring to arouse the soundest sleeper.

Tells the Time in the Dark.

Numerals and Hands Coated with Radio-Luminous Material and Glow Brilliantly.

Seamless Drawn Brass Case, Nickel Plated and Highly Polished, 4 in. Diameter Bell on Back.

Each

No. 1—Eska, One Day Movement, Continuous, 4 in. Dial, Width 4 in., Height 6 in.. with Shut-Off Attachment . . . . $.

Radio-Luminous Dial.

Seamless Drawn Brass Case, Nickel Plated and Highly Polished, 4 in. Diameter Bell on Back

Each

No. 1R—Radile, One Day Movement, Continuous, 4 in Dial, Width 4½ in., Height 6 in., with Shut-Off Attachment ....$ ...

Musical Toys and Novelties for Children

BAGPIPES.

No.		Each.
207	1 chanter, 7¼ inches long	$ 0.70
208	1 drone and chanter, 8 inches long	1.75
209	1 drone and chanter, 9 inches long, large bag	2.75
210	3 drones and chanter, 9½ inches long, large bag	3.45

TOY MUSIC BOXES.

No.		Per doz.
200	Whirler, 4 notes, metal reeds, red, white and blue flag	3.80
201	Round, metal case, with crank, small size	1.75
202	Round, metal case, decorated sides, with crank, medium size	3.30
203	Round metal case, 7 notes, decorated sides, with crank, larger size	4.55
204	Round, metal case, 12 notes with crank, candy compartment	6.20
204½	Aerophone, 15 notes, 5½ inches high, operated by whirling	10.34

FLUTE HARMONICA.

No.		Per doz.
205	Round nickeled case, 8 notes, 4 keys	$7.20

POP GUN.

No.		Per doz.
206	Wood, with 3 reeds 9 inches long	$4.40

REED CORNETS.

With Pistons.

No.		Each.
410	Brass bell, 4 notes	$1.95
411	Heavy brass, 6 notes	2.20
412	Heavy brass, 8 notes	3.90

MANDOLIN.

No.		Each.
211	7 ribs, maple and walnut finish, 4 strings, 17½ inches long	$3.45

ACCORDEONS.

No.		Each.
106	Ebonized case, gilt corner ornaments, open keyboard, 8 nickeled keys, 2 long basses	$2.50
108	Ebonized case, gilt corner ornaments, open keyboard, 8 nickeled keys, 2 long basses	2.75
110	Ebonized case, gilt corner ornaments, open keyboard, 10 nickeled keys, 2 long basses	3.15

HAND ORGANS.

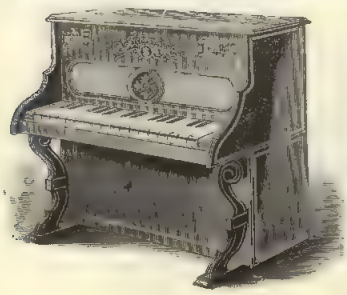
Steel Teeth.

No.		Each.
340	1 air, beech case, chrome top, 7½ inches long	$4.40
360	2 airs, beech case, chrome top, 9½ inches long	5.50

MUSICAL ANIMALS.

Correctly Modeled, Beautifully Made, with Music Box Movement and Tail Crank.

No.		Each
215	Elephant 6 inches long, 1 tune	$2.55
216	Elephant, 7½ inches long, 1 tune	4.00
217	Pig, felt hide, receptacle for candy, 6¾ inches long, 1 tune	2.75
218	Pig, real hide and hair covering 7½ inches long, 1 tune	5.50
219	Pig, real hide and hair covering, 8 inches long, 1 tune	6.20
220	Polar bear, white wool covering, 8 inches long, 2 air	3.90
221	Russian bear, brown wool covering, 7 inches long, 1 air	$4.00



Toy Pianos

No.		Each
1002	10 keys, with hinged lid, fancy panels, 11⅝x3⅞x7¼, rosewood finish, in pasteboard box. Weight, 2⅞ lbs.	$ 2.65
1013	15 keys, with hinged lid, 15⅞x10¾x3⅜, rosewood finish, in pasteboard box. Weight, 4½ lbs.	4.00
1022	15 keys, with hinged lid, neat metal bronzed standards and candelabra, 18½x14x9, rosewood finish, in pasteboard box. Weight, 7¾ lbs.	9.40
1033	18 keys, ornamental legs and candelabra, 18x17½x10, rosewood finish, in pasteboard box. Weight 10¾ lbs.	13.75

No. 1C

Toy Piano Stools

No.		Each.
1072	Hard wood, dark mahogany finish, 4 legs full height 7⅝ inches	$1.00
1082	Hard wood, dark mahogany finish, 4 legs, adjustable seat, with steel screw, full height 11½ in.	2.10

NOTE. No stools are included with pianos.

Harmonicas

THE CRACKER JACK.

No. 5222 14 double holes, 28 reeds, brass plates heavy nickel covers..... Each $0.85 Per dozen $9.40

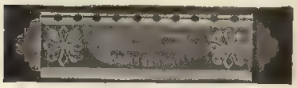
No. 282 10 single holes, white nickel reed plates, assorted keys . . . . . Each $0.40 Per dozen $4.30

GLORIOSA HARP.
Length 4½ Inches.

No. 5082 14 double holes, 14 reeds, brass reed plates, nickel covers..... Dozen $4.35 Gross $46.90

STEEL BRONZE REEDS.

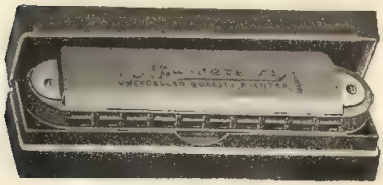
No. 5162 16 double holes, 32 reeds, white metal plates, white celluloid cover, celeste tuning.....Dozen $7.90 Gross $88.00



LITTLE DIAMOND.

No 5012 8 single holes, zinc reed plates nickel covers ... .. Dozen $1.40 Gross $14.80

No. 0112 Tremolo Harmonicas, 40 double holes, 80 reeds on two sides, heavy brass plates nickel-plated covers, extension ends Can be played in two different keys Each .....$3.75 Per dozen $37 50

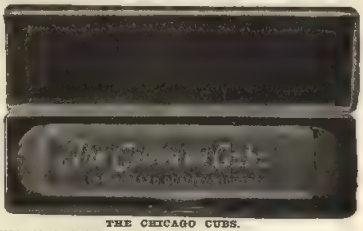


THE MUSKETEERS.

No. 5332 10 double holes, 40 superior quality reeds, brass plates heavy nickel covers, powerful tone, easy blowing, assorted keys..... Each $1.55 Per dozen $16.60

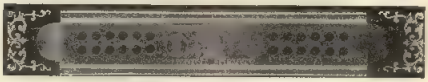
PRINCESS HARP.

No. 5032 12 single holes, 10 reeds, white metal reed plates, fancy nickel covers .....Dozen $2.10 Gross $22 70



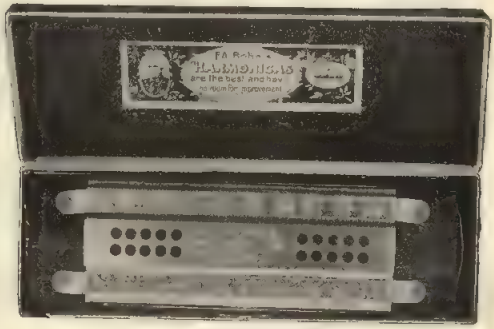
THE CHICAGO CUBS.

No. 5212 10 single holes, 20 superior quality reeds, brass plates, substantial nickel covers, assorted keys Each..... .....$0.80 Per dozen $8.10



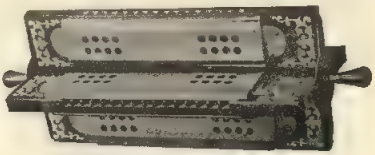
WIENER CONCERT.

No. 5362 20 double holes, 40 reeds, brass reed plates nickel covers, tremolo tuning.....Each $1.50 Per dozen $14.90



WIENER CONCERT.

No. 5382 16 double holes on each side, 64 reeds, nickel covers, tremolo tuning Each $1.70 Per dozen $16.85



FOUR-IN-ONE TREMOLO CONCERT.

No. 5322 16 double holes on each side, 128 reeds, brass plates, nickel covers, in four keys, length, 8½ inches. Each.... ..... $5.60 Per dozen

CORK SCREWS

Per Dozen

No. 2042—Combined Cork Extractor, Crown Opener, Seal Lifter and Wire Breaker, High Grade Forged and Tempered Steel Screw, Nickel Plated, Self-Pulling, 4½ in. Selected Highly Finished Genuine Stag Handle.....$.....

One in a Paper Box.

Per Dozen

No. 2042½—Combined Cork Extractor, Crown Opener, Seal Lifter and Wire Breaker, High Grade Forged and Tempered Steel Screw, Nickel Plated, Self-Pulling, 7 in. Selected Highly Finished Genuine Stag Handle.....$. . .

One in a Paper Box

Open.

Closed

Per Dozen

No. 4 Combination Cork Screw and Crown Opener, Heavily Nickel Plated Bessemer Steel Screw and Opener, Varnished and Polished Genuine Stag Handle.....$....

One-half Dozen in a Box

Per Dozen

No. 16 Combined Cork Extractor Crown Opener, Seal Lifter and Wire Breaker, Tempered Norway Steel Coiled Screw, Nickel Plated Screw and Cup, Self-Pulling, Maple Wood Handle . . $ . .

One Dozen in a Box.

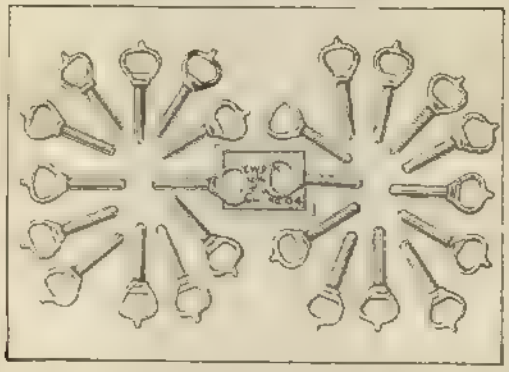
Per Dozen

Quick as a Wink—3¾ in. Long, Clock Spring Steel Tines, Nickel Plated Ferrule and Shield Wood Handle .....$....

Slides into the bottle and twists the cork out in a jiffy; no straining or pulling, always takes cork out whole and prevents contents of bottle foaming over.

One Dozen in a Box.

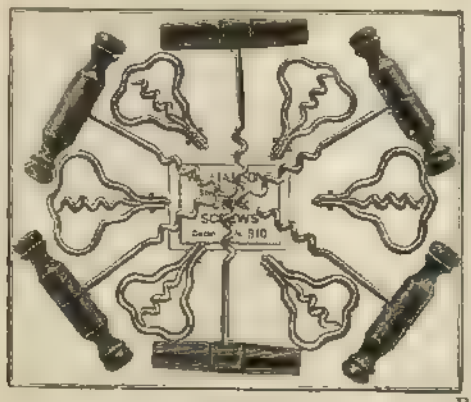
CORK SCREWS



Per Card

No. 04—Combined Cork Screw, Crown Remover and Seal Lifter, Nickel Plated Bessemer Steel Wire Screw, Polished Wooden Tubes.....$....

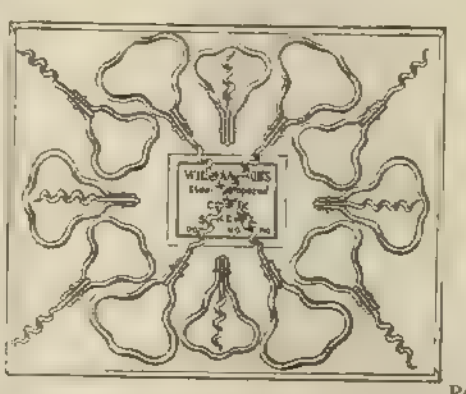
Two Dozen on a Card.



Per Card

No. 810—Three Kinds, Nickel Plated Coiled Wire Screws, Wood and Steel Wire Handles.....$....

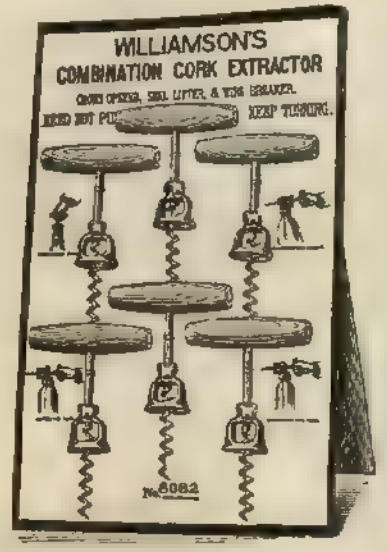
One Dozen on a Card.



Per Card

No. 710—One Kind, Two Sizes, Crucible Coiled Steel Screws, Nickel Plated Steel Wire Handles.....$....

One Dozen on a Card.



Per Card

No. 8082D—Combined Cork Extractor, Crown Opener, Seal Lifter and Wire Breaker, Nickel Plated Tempered Norway Steel Screws and Cup, Self-Pulling, Maple Handles.....$....

One-half Dozen on an Easel Back Counter Display Card.

Per Carton

No. 4½D—Combined Cork Screw, Crown Remover and Seal Lifter, Bessemer Steel Wire Screws. Metal Tubes.....$....

One in a Box, Twelve Boxes in a Carton, with Display Card.

Fish Baits.

WILSON'S WINGED WOBBLER

Deep Water.

4½x1⅛ in. Wood Body, Three Treble Hooks.

	Per Dozen
No. 1W—White Enameled Body, with Red Wings	$13.35

These Baits will travel to a depth of 6 ft. upon being reeled in. Floats when not in motion.

Approx. Weight Per Dozen 2 Pounds.

One in a Box; One Dozen in a Carton

WILSON'S WOBBLER

Semi-Surface.

4½x1⅛ in. Wood Fluted Body, Three Treble Hooks.

	Per Dozen
No. 1F—White Enameled Body, Red Enameled Under Side Fluting	$13.35
No. 4F—Solid Red Enameled Body and Flutings	13.35
No. 5F—Yellow Enameled Body, Red Enameled Under Side Flutings	13.35

Float when not in motion.

Approx. Weight Per Dozen 2 Pounds

One in a Box, One Dozen in a Carton

YPSILANTI

Floating.

3⅝ in. Body, Two Nickel Spinners, Three Treble Hooks

	Per Dozen
No. 1Y—Green Back, White Belly, Red Sides	$10.00
No. 4Y All White, Red Nose.	10.00
No. 7Y—All Red	10.00

All are Floaters Can be made to sink. The Bait in reeling in flutters on top and represents a wounded minnow, making the best lure out

Approx Weight Per Dozen 2 Pounds

One in a Box; One Dozen in a Package.

Fish Phantoms.

SILVER BIRD

No. 4S. No. 2B.

Aluminum, Bright Finish.

	Per Dozen
No. 2S—3½ in. Body, Three Treble Hooks	$16.25
No. 3S—3 in. Body, Three Treble Hooks	11.15
No. 4S—2⅜ in. Body, One Treble Hook	10.60

Yellow Body, Silver Dots.

	Per Dozen
No. 2B—3½ in. Body, Three Treble Hooks	$16.25
No. 3B—3 in. Body, Three Treble Hooks	11.15

Approx. Weight Per Dozen 1½ Pounds

One-half Dozen in a Box.

"Globe" Floater.

3⅝ in. LONG, Selected Red Cedar, Detachable Polished Aluminum Spinners, Three Nickel Plated Treble Hooks and Connections.

	Per Dozen
No. 37 White Porcelain Enameled Body, with Revolving Red Head	$6.70

The Head and Spinners are securely fastened together and revolve freely on a metal bearing. The spinner blades have a peculiar twist which produces a churn in the water which is attractive to all game fish

Approx. Weight Per Dozen 1½ Pounds

One in a Box; One Dozen in a Carton

Kent Champion Floater.

Selected Red Cdar, Carefully Shaped and Coated with Elastic Waterproof Enamel, Nickel Plated Detachable Hooks, Spinners and Connections.

	Per Dozen
No. 818—2⅛x1⅛ in., White Enameled Belly, Blended Rainbow, Frog Spots, Weight Each ¾ Oz.	$8.00

One in a Box; One Dozen in a Carton.

Artificial Frogs.

Best Quality Soft Rubber, White Belly, Green Back, Non Luminous, Hollow Point Weedless Hooks.

	Per Dozen
No. 867—3 in. Long Body, Weight Per Dozen About ¾ Lb.	$6.15

One Dozen in a Box.

Best Quality Cork, Non-Luminous, White Belly, Green Back, Painted True to Nature, Hollow Point Hooks.

	Per Dozen
No. 773—3 in. Long Body Weight Per Dozen About ¾ Lb.	$5.60

One Dozen in a Box.

Trout and Bass Baits.

PAINTED TRUE TO NATURE

Non-Luminous. Per Dozen
No. 0 1¾ in Body, Phantom Minnow.... ...$4.50

Non-Luminous. Per Dozen
No. 1½ 2¼ in Body, Phantom Minnow $4.50

One-twelfth Dozen in a Box; One-half Dozen in a Carton.

BIZ. Luminous. Per Dozen
No. 60—1¼ in. Long, Soft Rubber Minnow. Assorted Colors with Tandem Spinner..$4.50
One-half Dozen on a Card; One Dozen in a Box.

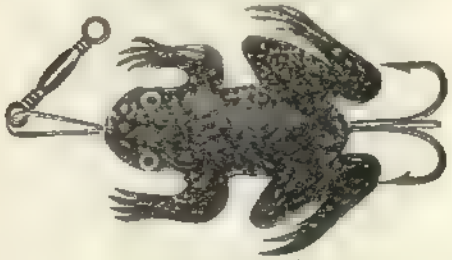
Non-Luminous.
Per Dozen
No. 010 1¼ in Long, Soft Rubber Casting Minnow.....$3 35
One Dozen on a Card.

Non-Luminous.
Per Dozen
No. 2½—3 in Long, Soft Rubber Casting Minnow.....$4.80
One-half Dozen in a Box.

Non-Luminous.
Per Dozen
No. 020 1¾ in Long Soft Rubber Grass Hopper .$2 25
One Dozen on a Card.

Non-Luminous.
Per Dozen
No. 3½ 1¾ in Long, Soft Rubber Grass Hopper . $3 35
One Dozen in a Box.

Non-Luminous.
Per Dozen
No. 040—2¼ in Long Soft Rubber Craw Fish with Swivel..$4.50
Three on a Card; One Dozen in a Box



Non-Luminous. Per Dozen
No. 4½—2 in. Long, Soft Rubber Froggie $4.20
One Dozen in a Box.

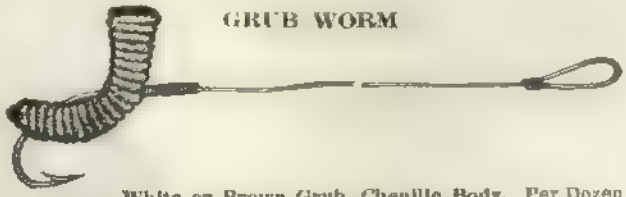
Non-Luminous. Per Dozen
No. 030—1 in. Long, Soft Rubber Froggie $3 35
One Dozen on a Card.

Non-Luminous. Per Dozen
No. 5½—2¼ in Long, Soft Rubber Dobson $3.90
Three on a Card; One Dozen in a Box

ANGLE WORM

Non-Luminous.
Per Dozen
No. 030 2½ in. Long Soft Rubber, with Swivel ...$3 90
One Dozen in a Box.

GRUB WORM



White or Brown Grub, Chenille Body. Per Dozen
No. 5 With No. 6 Hook, Single Gut, for Trout . . $1 35
No. 6 With No. 3 Hook, Single Gut with Helper, for Bass 1.45
One Dozen in a Box.

Worm Gangs.

No. 046—Worm Gang, Tied on Nos. 6, 8 and 10 Sneck Hooks of Single Mist Color Gut. . . . . Per Dozen ... $0 85
When the Trout do not take the Artificial Fly, try Worms and use this Gang
One Dozen in a Box.

Carbines.

WINCHESTER, MODEL 1894

Full Magazine.

		Each
No. 2560	30-30 Caliber Center Fire Cartridge, 20 in Round Nickel Steel Barrel, 7 Shots, Weight About 6½ Lbs	$20 00
No. 2561	38-55 Caliber Center Fire Cartridges, 20 in. Round Barrel, 7 Shots, Weight About 6 Lbs	22. 45
No. 2562	32 Caliber Special Center Fire Cartridge, 20 in. Round Nickel Steel Barrel, 7 Shots, Weight About 6 Lbs	26.90
No 2563	32-40 Caliber Center Fire Cartridge, 20 in. Round Barrel, 7 Shots, Weight About 6 Lbs.	22 45
No. 2564	25-35 Caliber Center Fire Cartridge, 20 in. Round Nickel Steel Barrel, 7 Shots, Weight About 6 Lbs.	26 90

WINCHESTER, MODEL 1892

Full Magazine.

		Each
No. 2559	25-20 Caliber Center Fire Cartridge, 20 in. Round Barrel, 12 Shots, Weight About 5¾ Lbs.	$22.45
No. 2558	32 Caliber Winchester Center Fire Cartridge, 20 in. Round Barrel, 12 Shots, Weight About 5¾ Lbs.	22.45
No. 2557	44 Caliber Winchester Center Fire Cartridge, 20 in. Round Barrel 12 Shots, Weight About 5¾ Lbs.	22 45

Repeating Rifles.

WINCHESTER, MODEL 1895

Plain Trigger, Box Magazine.

		Each
No. 288	30 U. S. Gov't Model 1903 Center Fire Cartridges, 24 in. Round Nickel Steel Barrel, 6 Shots, Weight About 8¼ Lbs.	$44.95
No. 280	30 U. S. Gov't Model 1906 Center Fire Cartridges, 24 in Round Nickel Steel Barrel, 6 Shots, Weight About 8¼ Lbs.	44 05
No. 290	30-220 Caliber Center Fire Cartridge, 28 in Round Nickel Steel Barrel, 6 Shots, Weight About 8¼ Lbs.	44 95
No. 298	35 Caliber Winchester Center Fire Cartridge 24 in. Round Nickel Steel Barrel, 5 Shots Weight About 8½ Lbs.	44 95
No. 295	38-72 Caliber Winchester Center Fire Cartridge, 26 in. Octagon Barrel, 6 Shots, Weight About 8½ Lbs.	36.40
No. 299	40 Caliber Winchester Center Fire Cartridge, 24 in. Round Nickel Steel Barrel 5 Shots, Weight About 8¼ Lbs.	44.95

Take Down, Plain Trigger.

		Each
No. 290½	30-220 Caliber Center Fire Cartridge, 28 in. Round Nickel Steel Barrel, 6 Shots, Weight About 8½ Lbs.	$48.75

Nos. 288, 280, 290, 298 and 299 Cannot be Furnished with Longer Barrels than Above Specified.

Model 1895 Winchester Repeating Rifles Cannot be Furnished with Pistol Grip Stocks.

Repeating Rifles.

WINCHESTER, MODEL 1890

"Take Down," Plain Trigger.

		Each
No. 230	22 Caliber Short Rim Fire Cartridge, 24 in. Octagon Barrel, 15 Shots, Weight About 5¾ Lbs.	$20 50
No. 231	22 Caliber Long Rim Fire Cartridge, 24 in. Octagon Barrel 12 Shots, Weight About 5¾ Lbs.	20 50
No. 232	22 Caliber W. R. F. Cartridge, 24 in Octagon Barrel, 10 Shots, Weight About 5¾ Lbs.	20.50

Note The cartridges for Model 1890 Rifles will not interchange, the proper cartridge for the Rifle is marked on the top of each barrel. In ordering, select the cartridge you want to use.

WINCHESTER, MODEL 1906

Take Down, Extra Light Weight.

		Each
No. 234	22 Caliber Short, Long and Long Rifle R. F. Cartridge, 20 in. Round Barrel, Weight About 5 Lbs.	$17 75

The Winchester Model 1906 Rifle is fitted with a Sporting Front Sight and an Adjustable Open Rear Sight. The Stock is 12⅞ in. Long, Drop at Comb 1⅝ in., Drop at Heel 2⅝ in. Length over all 35¾ in

Capacity of Magazine of No. 234, 15 Shot, 12 Long, or 11 Long Rifle Cartridges.

WINCHESTER AUTOMATIC, MODEL 1903

Take Down, Hammerless, Safety Catch.

		Each
No. 1903	22 Caliber Winchester Automatic, 20 in Round Barrel, Plain Walnut Stock and Fore-End Not Checkered, 10 Shots, Weight About 5¾ Lbs.	$31 85

Fancy Finished, Take Down, Hammerless, Safety Catch.

		Each
No. 1903F	22 Caliber Winchester Automatic, 20 in. Round Barrel, Fancy Walnut Checked Pistol Grip Stock and Fore-End, 10 Shots, Weight About 6 Lbs.	$35 10

Single Shot Rifles.

WINCHESTER

Plain Trigger, Steel Barrel, Plain Walnut Stock.

		Each
No. 270	—22 Caliber Short Rim Fire Cartridge 24 in Octagon Barrel, Weight About 6⅞ Lbs...	$24.00
No. 271	—22 Caliber Long Rim Fire Cartridge 24 in Octagon Barrel Weight About 6⅞ Lbs...	24.00
No. 272	—25-20 Caliber Center Fire Cartridge, 28 in Octagon Barrel, Weight About 7 Lbs.....	24.00
No. 276	—32-40 Caliber Center Fire Cartridge, 30 in Octagon Barrel, Weight About 10 Lbs....	24.00
No. 277	—22 Caliber Center Fire Cartridge, 26 in Octagon Barrel, Take Down, Weight About 7 Lbs.....	28 50
No. 283	—38-73 Caliber Center Fire Cartridge, 28 in Octagon Barrel, Weight About 8 Lbs.....	24 00
No. 281	—38-55 Caliber Center Fire Cartridge, 30 in Octagon Barrel, Weight About 9½ Lbs...	24 00
No. 288-S	40-82 Caliber Center Fire Cartridge, 30 in Octagon Barrel, Weight About 9½ Lbs	24 00

All 22 Caliber Single Shot Rifles will be furnished with a Bronzed Iron Cleaning Rod; other Calibers with a Slotted Hickory Rod

Self-Loading Rifles.

WINCHESTER SELF-LOADING, MODEL 1905

Take Down.

		Each
No. 05532	32 Caliber Winchester Self-Loading, 22 in Round Barrel, Plain Pistol Walnut Stock and Fore-Arm, Not Checkered, 6 Shots, Weight About 7½ Lbs.....	$39 00
No. 05535	35 Caliber Winchester Self-Loading, 22 in. Round Barrel, Plain Pistol Walnut Stock and Fore-Arm, Not Checkered, 6 Shots, Weight About 7½ Lbs.....	39.00

Magazines.

	Each
Extra Magazines—Complete for 32 and 35 Caliber Self-Loading Rifles	$2 25

The Winchester Model 1905 Self-Loading Rifle is made with Blued Trimmings, and is fitted with Sporting Front and Rear Sights. The stock is 14 in long and finished with a Rubber Butt Plate drop at comb 1⅜ in., drop at heel 2¼ in., length over all 40 in

The recoil of the exploded cartridge ejects the empty shell, cocks the hammer and feeds a fresh cartridge from the magazine into the chamber. The magazine is of the box type and holds five cartridges. By inserting a cartridge in the chamber before placing the loaded magazine in the gun, the operator can have six shots at his disposal. In using the Winchester Self-Loading Rifle it is absolutely necessary to pull the trigger for each shot, which places its operation as completely under the control of the operator as that of any repeating rifle

Self-Loading Rifles.

WINCHESTER SELF-LOADING, MODEL 1907

"The Gun that Shoots Through Steel."

Take Down.

		Each
No. 5851	351 Caliber High Power, 20 in. Round Nickel Steel Barrel, Plain Walnut Grip Stock and Fore-Arm, Not Checked, 6 Shots Weight About 7¾ Lbs.....	$42 00

Magazines.

	Each
Extra Magazines—For Model 1907 Self-Loading Rifles..	$2 25

The Winchester Model 1907 Self-Loading Rifle is equipped with Sporting Front and Rear Sights, but a Rear Peep Sight can also be used if desired. It measures in length over all 38 inches. The Pistol Grip Stock is finished with a Rubber Butt Plate, is 13⅞ inches long, and has a drop of 1⅝ inches at the Comb and of 2¾ inches at the heel. Only 20 inch round nickel steel barrels can be furnished on these Rifles, but fancy Stocks, checked or unchecked, or Stocks of special dimensions, can be furnished at the same prices charged for such extras on other models

The Mode of Operation is the same as that of the Model 190[illegible]

The Rifle shoots a Cartridge of .351 Caliber, with 180 Grain Bullet, having a Muzzle Velocity of 1861 feet per second It will penetrate a Steel Plate ¼ of an inch thick or twenty-six ⅞ inch dry Pine Boards, when used with Metal Patched Bullets; and thirteen ⅞ inch dry Pine Boards, when used with Soft Point Bullets

WINCHESTER SELF-LOADING, MODEL 1910

Take Down.

		Each
No. 5101	—401 Caliber, 20 in. Round Nickel Steel Barrel, Plain Walnut Pistol Grip Stock and Fore-Arm, Not Checked, 5 Shots, Weight About 8¼ Lbs.....	$44.95

Magazines.

	Each
Extra Magazines—For Model 1910 Self-Loading Rifles..	$2 25

The Winchester Model 1910 Self-Loading Rifle is equipped with Sporting Front and Rear Sights. It measures in length over all 38 inches. The Pistol Grip Stock, finished with a Rubber Butt Plate, is 13⅜ inches long and has a drop of 1¾ inches at the comb and of 2¾ inches at the heel. Only 20 inch Round Nickel Steel Barrels can be furnished on these Rifles, but fancy stocks, checked or unchecked, or stocks of special dimensions can be furnished at the same list price charged for such extras on other models.

The Model 1910 Rifle is loaded by recoil, it being only necessary to pull the trigger for each shot. The recoil of the exploded cartridge ejects the empty shell, cocks the hammer and feeds a fresh cartridge from the magazine into the chamber. This places the complete control of the rifle under the trigger and finger and makes it unnecessary to take the eye off the sights when shooting rapidly. A positive trigger lock conveniently located in the trigger guard permits carrying the rifle at full cock with safety. The position of this lock can be readily determined either by sight or feeling. When the lock is off, it shows a red band as a warning

Pistols.

SAVAGE AUTOMATIC

Pocket Model.
Rimless, Smokeless.

	Each
No. 32-S—32 Caliber, 4 in Barrel, Blued, 10 Shots, Rubber Stock, Weight 19 Oz., Length Over All 6½ in.	$27.75

Shoots 32 Caliber Rimless Savage and Colt's Smokeless Cartridge

	Each
No. 038—380 Caliber, 4½ in. Barrel, Blued, 10 Shots, Rubber Stock, Weight 21 Oz., Length Over All 7 in.	$28.90

Shoots 380 Caliber Rimless Savage and Colt's Smokeless Cartridges.

MAGAZINES

	Each
Extra Magazines—For Savage 32 Caliber Pocket Model Automatic Pistol	$0.90
Extra Magazines—For Savage 38 Caliber Pocket Model Automatic Pistol	.90

Target Pistols.

STEVENS' TIP-UP

Plain Walnut Grip Stock, Nickel Plated Frame, Open Sights

	Each
No. 10—22 Caliber, 3⅛ in. Half Octagon Barrel, Blued, Shoots 22 Short Rim Fire Cartridges, Weight 7 Oz.	$4.45

Liquid Pistols.

WIZARD

Nickel Plated.

	Per Dozen
Wizard—3 in. Long, Substantially Made, Fires and Recharges by Pulling the Trigger	$6.70
Extra Bulbs—For Wizard Liquid Pistols	1.90

Weight Per Dozen About 6 Pounds.

SAVAGE AUTOMATIC

Pocket Model.
Rimless, Smokeless.

	Each
No. 32H—32 Caliber 4 in Barrel, Blued, 10 Shots Spur Hammer, Rubber Stock, Weight 19 Oz., Length Over All 6½ in.	$27.75

Shoots 32 Caliber Rimless Savage and Colt's Smokeless Cartridges.

MAGAZINES

	Each
Extra Magazines—For Savage 32 Caliber Pocket Model Automatic Pistols	$0.80

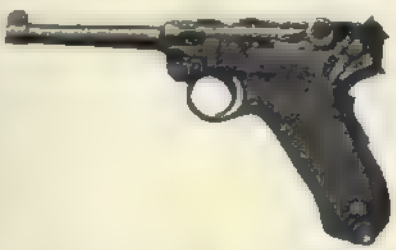
Target Pistols.

STEVENS' DIAMOND MODEL

Long Plain Walnut Grip Stock, Nickel Plated Frame.

	Each
No. 1—22 Caliber, 6 in. Half Octagon Barrel, Blued, with Globe Front and Peep Rear Sights, Shoots 22 Long Rifle Rim Fire Cartridges, Weight 10 Oz.	$7.25
No. 2—22 Caliber, 6 in Half Octagon Barrel, Blued Open Sights, Shoots 22 Long Rifle Rim Fire Cartridges, Weight 10 Oz.	7.25

LUGER AUTOMATIC



Velocity of Bullet 1,150 Feet.

	Each
No. 30—7.65 M/M or 30 Caliber Cartridges, Soft Point or Full Metal Patched Bullet 4¾ in Steel Barrels, 8 Shots, Walnut Stock	$33.30

Weight Each About 2 Pounds

Target Pistols.

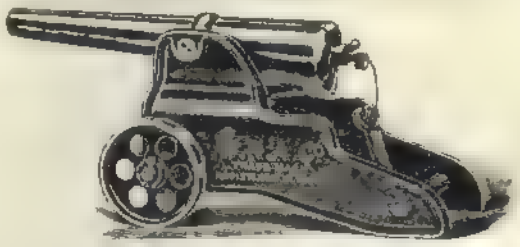
STEVENS' OFF-HAND TARGET

Walnut Stock, Single Trigger, Octagon Breech, Sporting Rear Bead Sight

	Each
No. 34—22 Caliber, 6 in. Round Barrel, Shoots 22 Caliber Rim Fire Cartridges, Weight 1 Lb. 6 Oz.	$11.10
No. 34—32 Caliber, 8 in. Round Barrel, Shoots 22 Caliber Rim Fire Cartridges, Weight 1 Lb. 8 Oz.	12.80
No. 35—25 Caliber, 6 in Round Barrel, Shoots 25 Caliber Stevens' Rim Fire Cartridges, Weight 1 Lb. 6 Oz.	11.10
No. 35—25 Caliber, 8 in Round Barrel, Shoots 25 Caliber Stevens' Rim Fire Cartridges, Weight 1 Lb. 8 Oz.	12.80

Cannons.

WINCHESTER BREECH LOADING



For Saluting and Celebrating.

	Each
No. 1—10 Gauge, 12 in. Cylinder Bored Blued Steel Barrel, Cast Iron Frame, Length Over All 17 in., Height 7¼ in., Width 7 in., Weight About 14 Lbs.	$11.10
	Per 100
No. 1000—Blank Shells, 10 Gauge, 8 Drams of Powder	$8.65

The Cannon is mounted on a cast iron carriage, which is supplied with two 3⅝ in. diameter wheels. The barrel and breech closure are proved and tested to withstand much greater pressure than can be developed by any charge of black powder that can be loaded in a 10 gauge shell. The carriage and wheels are nicely japanned.

Single Barrel Repeating Shot Guns.

WINCHESTER, MODEL 1912, HAMMERLESS

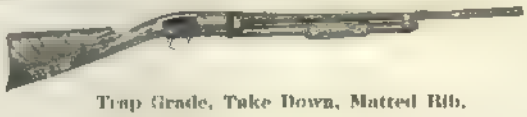
20 GAUGE

Take Down, Matted Rib.

Stock 13⅝ in. Long, 2½ in. Drop at Heel, 1½ in. Drop at Comb.

Side Ejecting, Plain Pistol Grip, Walnut Stock and Action Slide Handle, Rubber Butt Plate, Chambered for 2½ in. Shells, Holds 6 Shots.

	Each
No. 55R—20 Gauge, 25 in. Nickel Steel Barrel, Full Choke, Weight About 5⅝ Lbs.	$52 50
No. 56R—20 Gauge, 25 in. Nickel Steel Barrel, Modified Choke, Weight About 5⅝ Lbs.	52 50



Trap Grade, Take Down, Matted Rib.

Stock 13¾ in. Long, 2⅛ in. Drop at Heel, 1½ in. Drop at Comb.

Side Ejecting, Checked Straight Grip, Selected Oil Finished Fancy Walnut Stock and Action Slide Handle, Checked Rubber Butt Plate, Chambered for 2½ in. Shells, Holds 6 Shots.

	Each
No. 57—20 Gauge, 25 in. Nickel Steel Barrel, Full Choke, Weight About 6¼ Lbs.	$82 40

20 GAUGE

Pigeon Grade, Take Down, Matted Rib.

Stock 13¾ in. Long, 2⅛ in. Drop at Heel, 1½ in. Drop at Comb.

Side Ejecting, Checked Straight Grip, Selected Oil Finished Fancy Walnut Stock and Action Slide Handle, Checked Rubber Butt Plate, Chambered for 2½ in. Shells, Holds 6 Shots.

	Each
No. 58—20 Gauge, 25 in. Nickel Steel Barrel, Full Choke, Weight About 6¼ Lbs.	$157.35

WINCHESTER, MODEL 1897

Solid Frame.

Stock 13⅝ in. Long, 2⅜ in. Drop at Heel and 1⅝ in. Drop at Comb.

Side Ejecting, Plain Pistol Grip, Walnut Stock, Barrel Choke Bored, Rubber Butt Plate, Chambered for 2¾ in. Shells, Holds 6 Shots.

	Each
No. 62—12 Gauge, 30 in. Rolled Steel Barrel, Weight About 7½ Lbs.	$37 50
No. 63—12 Gauge, 32 in. Rolled Steel Barrel, Weight About 8 Lbs.	37 50

The Above Solid Frame Shot Gun can be furnished in 12 Gauge Only.

WINCHESTER, MODEL 1897

Take Down.

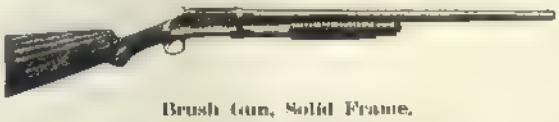
Stock 13⅝ in. Long, 2⅜ in. Drop at Heel and 1⅝ in. Drop at Comb.

Side Ejecting, Plain Pistol Grip, Walnut Stock, Barrel Choke Bored, Chambered for 2¾ in. Shells, Holds 6 Shots.

	Each
No. 65—12 Gauge, 28 in. Rolled Steel Barrel, Full or Modified Choke, Weight About 7½ Lbs.	$40.50
No. 65—12 Gauge, 30 in. Rolled Steel Barrel, Full or Modified Choke, Weight About 7¾ Lbs.	40.50
No. 66—12 Gauge, 32 in. Rolled Steel Barrel, Full or Modified Choke, Weight About 8 Lbs.	40 50
No. 67—16 Gauge, 28 in. Rolled Steel Barrel, Full Choke, Weight About 7½ Lbs.	40 50

Nos. 65 and 66 will always be sent with Full Choke unless otherwise ordered.

Can Furnish Model 1897 with Model 1893 Stock, 13 in. Long by 2¾ in. at Heel and 1⅝ in. at Comb.



Brush Gun, Solid Frame.

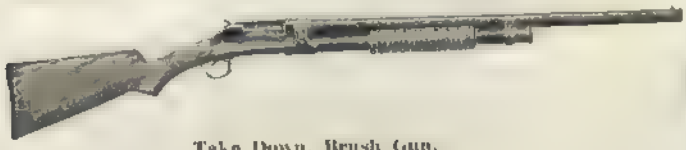
Stock 13⅞ in. Long, 2⅛ in. Drop at Heel and 1⅝ in. Drop at Comb.

Side Ejecting, Plain Pistol Grip, Walnut Stock, Barrel Cylinder Bored, Chambered for 2¾ in. Shells, Holds 5 Shots.

	Each
No. 160—12 Gauge, 26 in. Rolled Steel Barrel, Weight About 7 Lbs.	$37 50

The Winchester "Brush" Gun, as its name implies, is designed expressly for bird shooting in field and cover. It is particularly desirable for this kind of shooting, owing to its light weight and strong shooting qualities.

The magazine is shorter than that of the regular Model 1897 Shotgun, holding four instead of five cartridges.



Take Down, Brush Gun.

Stock 13⅞ in. Long, 2⅛ in. Drop at Heel and 1⅝ in. Drop at Comb.

Side Ejecting, Pistol Grip, Walnut Stock, Barrel Cylinder Bored, Chambered for 2¾ in. Shells, Holds 6 Shots.

	Each
No. 68—12 Gauge, 26 in. Rolled Steel Barrel, Weight About 7¼ Lbs.	$40 50

The "Take Down" "Brush" Gun is made according to the same specifications as the regular "Brush" Gun, except it has a full length magazine, which increases the weight slightly.

Take Down, Trap Gun.

Side Ejecting, Straight Checkered Grip, Selected Walnut Stock, Matted Barrel, Rubber Butt Plate, Barrel Choke Bored, Chambered for 2¾ in. Shells, Holds 6 Shots.

	Each
No. 162—12 Gauge, 30 in. Rolled Steel Barrel, Weight About 7⅝ Lbs.	$77.95

The Standard Style Stock of No. 162 Trap Gun is 13¾ in. Long, has a Drop of ⅞ in. at Heel and 1⅝ in. at Comb. Any Length or Drop [illegible] order from factory without extra charge.

Single Barrel Repeating Shot Guns

WINCHESTER, MODEL 1897

Take Down, Tournament Gun.

Stock 14 in. Long, 1 3 in Drop at Heel, 1¾ in. Drop at Comb

Side Ejecting, Straight Checkered Grip, Selected Walnut Stock, Matted Barrel, Rubber Butt Plate, Barrel Choke Bored Chambered for 2¾ in. Shells, Holds 6 Shots.

		Each
No. 166	12 Gauge 30 in Rolled Steel Barrel, Weight About 7¾ Lbs	$63 00

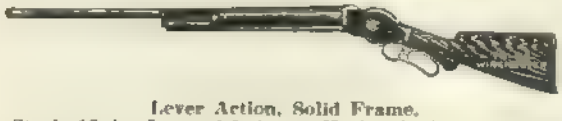
Take Down, Pigeon Gun.

Stock 13¾ in Long, 2⅛ in. Drop at Heel, 1⅜ in. Drop at Comb

Side Ejecting, Straight Checkered Grip, Frame Elaborately Engraved, Selected Walnut Stock, Rubber Butt Plate, Barrel Choke Bored, Chambered for 2¾ in. Shells, Holds 6 Shots

		Each
No. 165	12 Gauge, 28 in Rolled Steel Matted Barrel, Weight About 7¾ Lbs	$150 00

WINCHESTER, MODEL 1901



Lever Action, Solid Frame.

Stock 13 in. Long, 2⅝ in. at Heel, 1⅞ in at Comb.

Walnut Stock, Plain Pistol Grip, Checkered Steel Butt Plate, Barrel Choke Bored, Chambered for 2¾ in. Shells. Holds 6 Shots.

		Each
No. 100	10 Gauge Only, 32 in. Rolled Steel Barrel, Weight About 8¾ Lbs	$45 00

Note—The No. 100 Lever Action Shot Gun Cannot be Furnished in 12 or 16 Gauge.

STEVENS', (BROWNING'S PATENT)

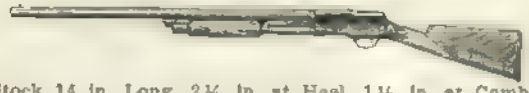
Take Down.

Stock 13¾ in Long, 2⅝ in. at Heel, 1⅝ in. at Comb

Walnut Stock, Plain Pistol Grip, Rubber Butt Plate, Barrel Full Choke Bored, Chambered for 2¾ in Shells, Holds 6 Shots

		Each
No. 520-S	12 Gauge, 30 and 32 in. Stevens' Compressed Forged Steel Barrel, Weight About 7¾ Lbs	$40 00

STEVENS', TRAP SHOOTER GRADE, (BROWNING'S PATENT)



Stock 14 in Long, 2½ in. at Heel, 1½ in. at Comb.

Checkered Walnut Stock, Straight Grip, Rubber Butt Plate, Hollow Matted Rib Drop Forged, Black Oxide Finish Receiver Visible Locking Block Safety Firing Pin Barrel Full Choke Bored, Chambered for 2¾ in. Shells, Holds 6 Shots.

		Each
No. 522-S	12 Gauge, 30 in. Stevens' Compressed Forged High Pressure Steel Barrel, Bored for Nitro Powder, Weight About 7¾ Lbs	$66.60

STEVENS'

Take Down

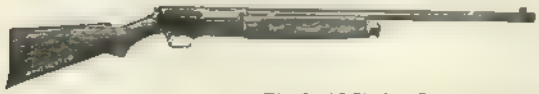
Stock 13½ in Long, 2½ in Drop

Side Ejecting Walnut Stock Plain Pistol Grip Rubber Butt Plate Barrel Full Choke Bored Chambered for 2¾ in Shells, Holds 5 Shots.

		Each
No. 200-S	20 Gauge, 28 and 30 in. High Pressure Compressed Steel Barrel, Weight About 6½ Lbs	$40 00

Self-Loading Shot Guns.

WINCHESTER, MODEL 1911



Gun Taken Apart

Stock 13⅞ in Long, 2⅝ in. Drop at Heel, 1⅝ in. Drop at Comb.
Walnut Stock, Pistol Grip, Rubber Butt Plate, Chambered for 2¾ in. Shells, Holds 5 Shots.

Take Down, Plain Barrel.

		Each
No. 170	12 Gauge, 26 in. Nickel Steel Barrel, Full Choke, Weight About 7¾ Lbs	$55 50
No. 171	12 Gauge, 26 in. Nickel Steel Barrel, Modified Choke, Weight About 7¾ Lbs	55 50
No. 172	12 Gauge 28 in Nickel Steel Barrel Full Choke, Weight About 7¾ Lbs	55.50
No. 173	12 Gauge 28 in Nickel Steel Barrel, Modified Choke, Weight About 7¾ Lbs	55.50

Take Down, Matted Barrel.

		Each
No. 170M	12 Gauge, 26 in. Nickel Steel Barrel, Full Choke, Weight About 7¾ Lbs	$63.00
No. 171M	12 Gauge, 26 in. Nickel Steel Barrel, Modified Choke, Weight About 7¾ Lbs	63 00
No. 172M	12 Gauge, 28 in. Nickel Steel Barrel, Full Choke, Weight About 7¾ Lbs	63 00
No. 173M	12 Gauge, 28 in Nickel Steel Barrel, Modified Choke, Weight About 7¾ Lbs	63.00

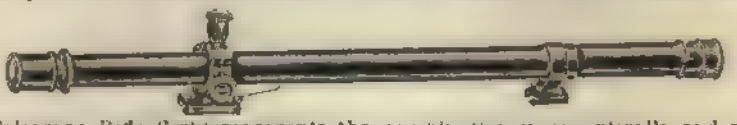
No Readjustment Required for Different Loads. The Winchester Self-Loading Shot Gun will operate with complete certainty and safety with any properly loaded paper shell from a "Blank" to the long 12 gauge leads, either smokeless or black powder, such as loaded by the companies, without the slightest change or adjustment. It requires no extra oiling to make it work with light loads nor the use of any additional parts to have it operate with heavy loads. It is a gun that requires no favoring. As it is often desirable to shift instantly from a heavy to a light load sportsmen will welcome a recoil operated shot gun with which this can be done without tinkering with the mechanism.

Nickel Steel Construction. The Barrel, Receiver, Magazine and all working parts of this gun throughout are made of Nickel Steel.

TELESCOPE RIFLE SIGHTS

WINCHESTER

Adapted to all Makes of Repeating and Single Shot Rifles. When Ordering, Give the Make, Caliber and Model of Rifle.



The Winchester Telescope Rifle Sight represents the combination in an optically and mechanically correct manner of all the features essential in a practical and satisfactory instrument of precision. It also embodies in its design several valuable improvements which correct faults common to other telescope sights. Notable among these new features are the micrometer adjustment of the objective lens which makes it simple and easy to take advantage of the possibilities of this type of sight to the fullest degree, and an aperture reticule furnishing the smallest aperture with the least obstruction of the field of any ever offered.

	Each
Style A—With No. 1 Mounts, 5-Power, 5 ft. 8 in. Field at 100 Feet, 2 in. Relief, Length 15⅞ in., Weight 14 Oz.	$34 00
Style B—With No. 1 Mounts, 5-Power, 2 ft. 9 in. Feild at 100 Feet, 3½ in. Relief, Length 15⅞ in., Weight 9¼ Oz.	23 75
Style B—With No. 1 Mounts, 4-Power, 3 ft. 8 in. Field at 100 Feet, 3½ in. Relief, Length 14⅛ in., Weight 9 Oz.	23.75
Style B—With No. 1 Mounts, 3-Power, 4 ft. 10 in. Field at 100 Feet, 3½ in. Relief, Length 14⅝ in., Weight 8¾ Oz.	23.75

The Winchester Telescope Sight is easily attached to or detached from the barrel of a rifle without changing its adjustment for elevation or windage. The base for the front and rear mounts are of steel having a dovetail cross section and are sent out drilled and countersunk and accompanied with screws for attaching them to the barrel. They are intended to be attached to the barrel permanently so as to insure the proper position of the telescope wherever used.

The tube is not drawn, but bored and turned from a solid piece of steel. This gives it great rigidity and consequently a more perfect alignment for the lenses is secured.

These reticules are interchangeable and one can be substituted for another without difficulty. The standard style is the single cross hairs and will be sent on all orders unless a different style is specified. When apertures, double cross hairs, or triangles are ordered, the range of size of bull's eye for which they are to be used should always be given.

Single Cross Hairs

Double Cross Hairs

Aperture

View Seen by the Naked Eye

As Seen Through Style B 5-Power Telescope, same Magnification as Style A 5-Power but Smaller Field

As Seen Through Style B 4-Power Telescope.

As Seen Through Style B 3-Power Telescope.

Same View Seen Through Style A 5-Power Telescope

To fulfill ideal conditions, a reticule is sometimes required having a very small aperture with the least possible obstruction to the field. This requirement is provided for by an aperture reticule made from a single piece of wire, and comprising a ring and a twisted stem. A reticule made in this way has a much smaller area than one stamped out of sheet metal and consequently offers the least possible obstruction to the field. Another decided advantage a reticule of this kind has over one made of sheet metal is the smoothness of its surface. Stamped out apertures have ragged edges which under the lenses are so greatly magnified as to be objectionable and interfere with clear vision.

The mountings are light and well shaped without the sacrifice of strength. All of the front mounts are made of nickel steel as is also the No. 2 rear mount. The No. 2 rear mount allows a greater adjustment both for elevation and windage than the No. 1 mount which makes it suitable for long as well as short range use. The base of each of the No. 1 rear mounts is from .005 to .009 wide according to the caliber of the rifle to which it is attached. The front mount is so designed as to afford the tube a bearing on a convex surface instead of on screws or screws. This prevents indentation or injury to the tube, so apt to occur in shooting heavy loads where point bearings are used, as has heretofore been done. Contained in the front mount is a bevel-nosed plunger, which engages in a long groove on the under side of the tube and keeps the tube from rotating, but allows it to move longitudinally. This device insures the axis of the tube remaining constant when once adjusted.

BARREL REFLECTORS

For Examining the Inside of Winchester Rifle Barrels.

	Each
No. 1W—Made in Different Sizes, When Ordering Specify Model of Rifle.....	$0 50

Directions—Withdraw the breech block. Place the glass on top of the carrier, the mirror toward the chamber. Hold the muzzle of the gun toward the light, and the inside of the barrel will be seen reflected in the mirror.

METALLIC CARTRIDGES

WINCHESTER OR REMINGTON–U. M. C. MAKE

RIM FIRE

Per 1000

B. B. Caps Round Ball, Lesmok Powder .. $3 50

Adapted to Flobert and Other 22 Caliber Rim Fire Single Shot Rifles.

100 in a Box, 10,000 in a Case; Weight Per Case 45 Lbs.

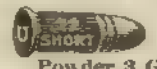
Per 1000

B. B. Caps—Conical Ball, Lesmok Powder.....$4.40

B. B. Caps—Conical Ball, Smokeless Powder, Greaseless 4.40

Adapted to Flobert and Other Gallery Rifles.

100 in a Box 10,000 in a Case; Weight Per Case 56 Lbs



Powder 3 Grains, Bullet 30 Grains.

Per 1000

22 Short, Lesmok Powder $5 00

22 Short, Smokeless Powder, Greaseless Bullet . 5 35

22 Short, Smokeless Powder, Greased Bullet . 5 35

22 Short, Spotlight, Lesmok Powder..... 5.85

22 Short, Spotlight, Smokeless Powder 6.10

Hollow Point, Bullet 28 Grains. Per 1000

.22 Short, Lesmok Powder $5.50

.22 Short, Smokeless Powder 5.75

Adapted to Revolvers and Rifles of this Caliber.

50 in a Box 10,000 in a Case, Weight Per Case 65 Lbs

Powder 5 Grains, Bullet 35 Grains.

Per 1000

22 Long, Lesmok Powder $6 00

22 Long, Smokeless Powder, Greaseless . 7 50

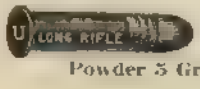
22 Long, Smokeless Powder, Greased 7 50

Hollow Point, Bullet 32 Grains.

22 Long, Lesmok Powder $6 50

Adapted to Various Rifles, Revolvers and Pistols of this Caliber

50 in a Box, 10,000 in a Case; Weight Per Case 80 Lbs.



Powder 5 Grains, Bullet 40 Grains.

Per 1000

22 Long Rifle, Lesmok Powder $7.00

22 Long Rifle, Smokeless Powder, Greaseless . 8 75

22 Long Rifle, Smokeless Powder, Greased..... 8.75

Hollow Point, Bullet 35 Grains. Per 1000

22 Long Rifle, Lesmok Powder.. . . $7 60

Adapted to Various Rifles and Revolvers of this Caliber

50 in a Box, 10,000 in a Case; Weight Per Case 88 Lbs.

Powder 7 Grains, Bullet 45 Grains.

Per 1000

22 W. R. F.—Lesmok Powder $10 50

22 W. R. F.—Smokeless Powder, Greaseless.. 11 75

22 W. R. F.—Smokeless Powder, Greased.. 11 75

Adapted to Winchester Model 1890, Single Shot Rifles and Colt Revolvers.

50 in a Box, 5,000 in a Case; Weight Per Case 58 Lbs.

Powder, 7 Grains; Bullet, 40 Grains.

Per 1000

22 Extra Long, Lesmok Powder. . .$10.50

Adapted to Various Rifles and S. & W. Revolvers

50 in a Box, 10,000 in a Case; Weight Per Case 92 Lbs.

Bullet, 45 Grains.

Per 1000

.22 Win. Automatic, Smokeless Powder, Greaseless $11.75

Adapted to Winchester Model 1903 Rifles.

22 Remington Autoloading, Smokeless Powder, Greaseless 11 75

Adapted to Remington-U. M. C. Autoloading Rifles

50 in a Box, 5,000 in a Case; Weight Per Case 53 Lbs

Powder 11 Grains, Bullet 65 Grains.

Per 1000

25 Stevens, Black Powder $16 50

Adapted to Winchester Single Shot and Stevens Single Shot and Marlin Repeating Rifles.

50 in a Box, 2,000 in a Case; Weight Per Case 28 Lbs.

Powder 6 Grains, Bullet 55 Grains.

Per 1000

.30 Short, Black Powder.....$10.50

Adapted to Colts, Sharp's No. 2, Standard O. K., Stevens Single Shot, and other Pistols and Rifles

50 in a Box, 5,000 in a Case; Weight Per Case 62 Lbs.

Powder 9 Grains, Bullet 80 Grains.

Per 1000

32 Short, Black Powder $11.75

Adapted to Revolvers, Rifles and Pistols of this Caliber.

Weight Per Case 85 Pounds

Powder 13 Grains, Bullet 90 Grains. Per 1000

.32 Long—Black Powder.....$13.50

Adapted to Revolvers Rifles and Pistols of this Caliber

Weight Per Case 100 Pounds.

50 in a Box, 5,000 in a Case.

Powder 18 Grains, Bullet 130 Grains.

Per 1000

.38 Short, Black Powder..... $18 75

Weight Per Case 85 Pounds

Powder 21 Grains, Bullet 148 Grains. Per 1000

38 Long, Black Powder.....$21.00

Adapted to Revolvers and Single Shot Rifles of this Caliber.

Weight Per Case 95 Pounds.

50 in a Box, 3,000 in a Case.

WOOD BENCH PLANES

SMOOTH

Beechwood, Plain Finish.

	Each
No. 3—8 in. Long, 2 to 2¼ in. Double Iron, Polished Start, Average Weight Each 2¼ Lbs.	$0 90

HANDLED SMOOTH

Beechwood, Plain Finish.

	Each
No. 5—8 in. Long, 2 to 2¼ in. Double Iron, Solid Handle for Right Hand Average Weight Each 2½ Lbs.	$1.75

NOTE—When Ordering, Always State Size of Iron Wanted.

JACK

Beechwood, Plain Finish.

	Each
No. 15—16 in. Long, 2 to 2¼ in. Double Iron, Polished Start, Average Weight Each 4½ Lbs.	$1 60

FORE

Beechwood, Plain Finish.

	Each
No. 21—22 in. Long, 2⅜ to 2⅝ in. Double Iron, Polished Start, Average Weight Each 7 Lbs.	$1 70

NOTE—When Ordering, Always State Size of Iron Wanted.

JOINTER

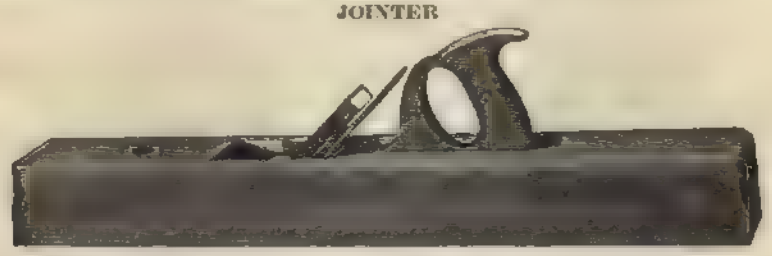
No. 27—Beechwood, Plain Finish, 2⅛ to 2⅜ in. Double Iron, Polished Start.

Length, Inches	24
Each	$1.80

Average Weight Each 8 Pounds.

NOTE—When Ordering, Always State Size of Iron Wanted.

JOINTER



No. 27A—Beechwood, Plain Finish, 2⅛ to 2⅜ in. Double Iron, Polished Start.

Length, Inches	26	30
Each	$1 90	2 15

Average Weight Each 8 Pounds.

NOTE—When Ordering, Always State Length and Size of Iron Wanted.

PLANE HANDLES

For Wood Bench Planes.

	Per Dozen
No. 985—For Jack Planes, Beechwood, Plain Finish	$1 00

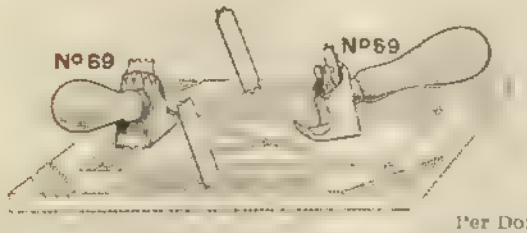
Weight Per Dozen 3 Pounds.

	Per Dozen
No. 988—For Fore and Jointer Planes, Beechwood, Plain Finish	$1 50

Weight Per Dozen 4½ Pounds.

HAND BEADERS

STANLEY'S SINGLE HANDED



Per Dozen

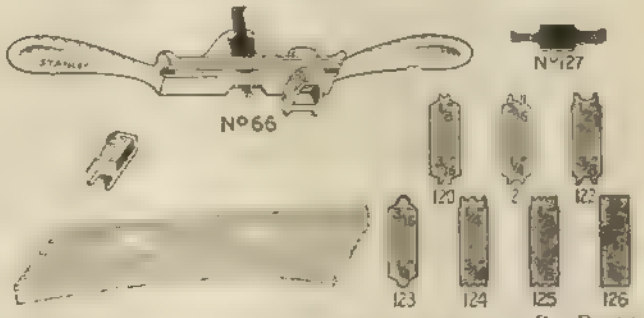
No. 69—5 in. Long, Nickel Plated Metal Body, Maple Handle, Complete with 6 Steel Cutters and One Blank, Weight Per Dozen 4½ Lbs.....$9.00

A very handy little article. With it one can do all kinds of straight beading, reeding or fluting. Both ends of the cutters are sharpened, thus embracing six ordinary sizes of beads two fluters and four sets of reeds

The sample of work shown in connection with the tool illustrates some of the usages to which it can be put

One-twelfth Dozen in a Box.

STANLEY'S UNIVERSAL DOUBLE HANDED



Per Dozen

No. 66—11½ in Long, Nickel Plated Metal Body, Raised Handles, Complete with 7 Steel Cutters and One Blank, a Square Gauge for Straight Work and an Oval Gauge for Curved Work, Weight Per Dozen 16½ Lbs.....$12.00

For beading, reeding or fluting straight or irregular surfaces and for light routering.

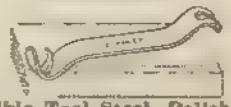
Both ends of the cutters are sharpened, thus embracing six ordinary sizes of beads, two fluters, four sets of reeds and a double router iron

One-twelfth Dozen in a Box

CORNERING TOOLS

STANLEY'S

Used by Pattern Makers and all Wood Workers for rounding sharp corners.



They have a different size cutter at each end and their form is such that no depth gauge is required

Crucible Tool Steel, Polished.

Per Dozen

No. 28—5½ in. Long, $\frac{1}{16}$ and ⅛ in. Cutters, Weight Per Dozen 1⅛ Lbs.....$3.00

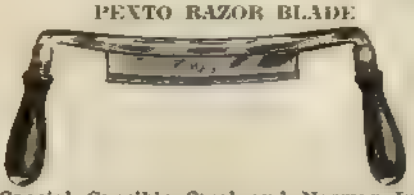
Per Dozen

No. 29—5½ in Long, $\frac{3}{16}$ and ¼ in. Cutters, Weight Per Dozen 1½ Lbs.....$3.00

One-half Dozen in a Box.

DRAWING KNIVES

PEXTO RAZOR BLADE



No. 15—Special Crucible Steel and Norway Iron Razor Blade, Polished, Metal Capped Hardwood Handles, Heavy Steel Ferrules.

Blade, Inches.	7	8	9	10	11	12
Wt. Doz., Lbs.	12½	13½	14	15	15½	16½
Per Dozen...	$13.50	13.50	14.40	15.60	18.00	18.00

One-half Dozen in a Box.

WILKINSON'S FOLDING HANDLE

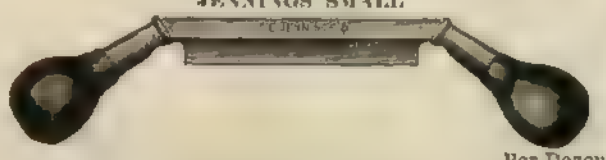
Forged Tool Steel Razor Blade, 1½ in. Wide, Tempered and Polished. Polished Steel Shanks, Oil Finished Hardwood Handles, Tangs Extended Through Handles and Riveted at Ends.

Length of Blade, Inches...	6	8	10
Weight Per Dozen, Lbs....	11	16	20
Per Dozen	$21.00	24.00	30.00

One-half Dozen in a Box.

DRAWING KNIVES

JENNINGS SMALL



Per Dozen

No. 48—10¼ in. Long Over All, 4 in. Polished Crucible Steel Blade, Round Ebonized Wood Handles, Heavy Steel Ferrules, Weight Per Dozen 3½ Lbs.....$3.00

An excellent little tool for manual training work. May be used instead of a spoke shave.

One-half Dozen in a Box.

DRAW KNIFE CHAMFERER GAUGES

BULLOCKS'S

Cut Shows Gauges Attached to Blade.

Per Dozen

No. 5—Nickel Plated, 1 in., Fits ⅞ to 1 in. Blades, Cannot Injure the Cutting Edge.....$7.00

One-twelfth Dozen in a Box.

Toy Drums

Illustrations show ⅛ actual size.

No.		Each
1	Metal shell, imitation brass, handsomely embossed, tacked and 7-inch, with sticks	$ 0.90
2	Metal shell, handsomely embossed [illegible] and crescent [illegible] with sticks and sling	2.10
3	Metal shell, imitation brass, handsomely embossed fancy pattern, 10-inch, with sticks and sling	2.65
4	Metal shell, imitation brass, handsomely embossed, with cords and [illegible] with sticks and sling	3.15
5	Metal shell, nickel plated, [illegible] pattern, heavy [illegible] two sheepskin heads, [illegible] with sticks and sling	4.00
6	Oak veneered shell, heavy cord and hooks, two calfskin and one sheepskin head, 12-inch, with sticks and sling	5.00
8	Metal shell, nickel plated, [illegible] plated [illegible] rods, [illegible] and [illegible] skin head, [illegible] snares with [illegible] each with sticks and sling	6.15
7	Metal shell, nickel plated hoops bound with nickel plated band, heavy drum cord, [illegible] head, [illegible] drum, calfskin and sheepskin heads, [illegible] rawhide snares, 14-inch, with sticks and sling	8.15

YOUTHS' DRUMS.

70	14-in. [illegible] bright metal shell, 7 inches high, 7 brass, natural colored maple hoops, 6 snares, [illegible] pattern snare strainers, 1 calfskin and 1 sheepskin head, with rosewood sticks and [illegible]	$17.75
070	12-in. [illegible] metal shell, [illegible] inch, 5 brass, [illegible] colored maple hoops, 6 snares, [illegible] pattern snare strainers, 1 calfskin and 1 sheepskin head, with rosewood sticks and [illegible]	17.75

Crank movement, 1 air 38 teeth papier mache hexagon case, chromo top.
No. 612 Each..... $2.75

Music Boxes

Cases with Rosewood Tops, Variegated Wood Inlayings, Interior Glass Covers, Nickel Plated Spring Lever Movements, Outside Crank Winding.

EACH WITH TUNE DIAL AND SAFETY CHECK.

No.		Each
3182	12 airs, 13-inch cylinder, tune skipper and speed regulator case 11x27 inches	$136.40
3192	12 airs, 14-inch cylinder, with zither attachment, tune skipper and speed regulator, case 11x27 inches	141.90

A zither-like tone is attained through the medium of the zither attachment, which is an adjustable bar that may be detached at will.

Nos. 792-892.

MUSIC BOXES—IMPROVED SPRING MOVEMENTS. With Attached Key.

No.		Each
792	Key winding, 2 airs, 28 teeth, self-changing, 1⅝-inch cylinder. Size 4¼x3¾x2½. Chromo top	$ 3.50
[illegible]	[illegible] airs, 1⅝ inch cylinder, self-changing, wood case. Chromo top, etc.	7.30
1868	[illegible] airs, 36 teeth, 1⅝-inch cylinder, self-changing, [illegible] photo top glass cover. Size 5¼x3⅝x2½ inches	8.25
1872	3 airs, 36 teeth, 2⅛ inch cylinder otherwise same as No. 186	11 85
1882	4 airs, 36 teeth, 2½-inch cylinder, otherwise same as No. 1862	13.75

Crank movement, 1 air 12 teeth, round nickel case, chromo top.
No. 582 Each.. $1.50
Same as above with 18 teeth
No. 592 Each.. $1.90

Crank movement, 2 airs 36 teeth, large round nickel case, chromo top.
No. 642 Each..... $4.00

Racine Spring Exercisers.

Nickel Plated Oil Tempered Spiral Springs, Suspended from a Steel Swivel Top, Steel Handles, with Ebony Finished Massage Roller Grips, Springs May be Extended 7 Feet.

	Per Set
No. 1—Light Tension, for Women and Children	$3.80
No. 2—Medium Tension, for Women and Men	4.50
No. 3—Strong Tension, for Athletes	5.25

Approximate Weight Per Set 2¼ Pounds

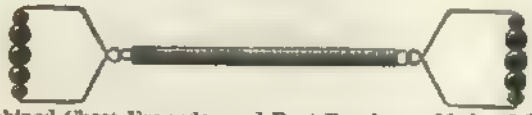
Above are complete with chart illustrating 42 different movements, and instructions in physical culture and deep breathing. The Racine Spring Exerciser is absolutely noiseless, and, if used as directed in our chart instructions, will last indefinitely. In our patent swivel top we have a feature not found in any other exerciser. A great variety of movements are possible and one may change from any position without releasing hold on handles

The Racine Exerciser can be instantly changed from a down pull to an up pull and vice versa, and the springs may be quickly detached from the swivel top and attached to screw hooks at any other point, thereby getting pulls from many desired angles

The handles can be detached from springs in an instant and attached to the ends of a single spring, making an ideal chest expander

Chest Expanders.

RACINE



Combined Chest Expander and Bust Developer, Made of Same Material as Used in the Racine Spring Exerciser.

	Each
No. 1—Light Tension, for Women and Children	$2.25
No. 2—Medium Tension, for Women and Men	2.25
No. 3—Very Strong, for Athletes	2.25

Approx. Weight Each 1¼ Pounds.

Complete with Chart showing 47 movements and deep breathing instructions.

The exerciser is designed for those who do not desire a more expensive apparatus. It requires no fastenings to operate, and is therefore very convenient for travelers, being light and taking up very little space.

Massage Grips.

IDEAL

A Combined Grip Machine and Massage Roller for Strengthening the Hands, Wrists and Forearms, and Massaging the Muscles, Abdomen and Stomach

	Per Pair
No. 50—Music Wire Grips, Heavily Nickel Plated, Ebony Finished Handles, Complete with Instruction Sheet	$1.50

Approx. Weight Per Pair ½ Pound

Specially beneficial to telegraph operators, pianists bookkeepers and those who use the muscles of their hands and wrists in their daily toils.

Indian Clubs.

Selected Maple, Finely Varnished, Two Nicely Turned Heads on Body, Head and Beads Painted Black.

Weight Each, Lbs	½	¾	1
Per Pair	$0.38	.40	.50
Weight Each, Lbs	1½	2	2½
Per Pair	$0.58	.65	.80
Weight Each, Lbs.	3	4	6
Per Pair	$0.95	1.15	1.90

A Pair of 1 Pound Indian Clubs Weigh 2 Pounds.

Open Stock.

Dumb Bells.

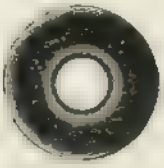
Selected Maple, Plain Varnish Finish.

Wt. Each, Lbs.	½	¾	1
Per Pair	$0.38	.40	.50
Wt. Each, Lbs.	1½	2	2½
Per Pair	$0.58	.65	.80
Wt. Each, Lbs.		3	4
Per Pair		$0.95	1.15

A Pair of 1 Pound Dumb Bells Weigh 2 Pounds

Open Stock.

Quoits.



ENGLISH MODEL, Cast Iron, Japanned.

Nos.	2	3
Wt Per Set of 4, Lbs	8	12
Per Set of 4	$0.80	1.15
Nos.	4	5
Wt. Per Set of 4, Lbs.	16	20
Per Set of 4	$1.56	1.90

Open Stock

Solid Shot.

Cast Iron, Japanned.

Nos.	1	2
Weight Each, Lbs.	12	16
Per Pound	$0.09	.09

Open Stock.

Dumb Bells.

Cast Iron, Japanned.

Wt. Ea., Lbs.	1	2
Per Pound	$0.08	.08
Wt. Ea., Lbs.	3	4
Per Pound	$0.08	.08
Wt. Ea., Lbs.	5	6
Per Pound	$0.08	.08
Wt. Ea., Lbs.	7	[illegible]
Per Pound	$0.08	.08
Weight Each, Lbs.	10	12	15
Per Pound	$0.08	.08	.08
Weight Each, Lbs.	20	25	50
Per Pound	$0.08	.08	.10

Open Stock

Republicans, Progressives, Independents, *and* Democrats

of the Andrew Jackson type—the American and National type

ATTENTION ! ! !

This is a time for **UNIVERSAL** service by the rank and file of the Republican Party and by those who believe in its principles. Enroll yourself at the National Headquarters as a Sustaining Member of the Republican Party by sending a check for ten dollars together with your name and address to Cornelius N Bl[illegible] Jr Treasurer 513 Fifth Avenue, New York. In return you will promptly receive a Certificate of Membership as reproduced below

A PATRIOTIC CREED

WE believe that the honor, safety and vital interests of our country, the preservation of her prosperity and the maintenance of her just and fitting rank among Nations demand the election of Charles Evans Hughes as our President.

Is this your Creed? Lend it then your support by becoming a Sustaining Member of the Republican Party.

Robert Bacon — Theodore Roosevelt

Charles H. Sherrill — Wm Barnes Jr

Chas. D. Hilles — Wm Loeb Jr

Jacob H. Schiff — Wm Barnes

Wm. M. Chase — Jno C. Spooner

[illegible]

Cornelius N. Bliss, Jr.
Treasurer
513 Fifth Ave.
New York

Dear Sir:-Enclosed find my check for ten dollars. Please enroll me as one of the Non-Partisan members as a Sustaining Member of the Republican Party

Date

Address

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight First Class)

Hickory Weedless

No. 4	W	....	$5.00
No. 4½	W	....	5.00
No. 4¾	W	....	5.00
No. 5	W	....	6.12
No. 6	W	....	6.66
No. 7	W	....	7.22

Hunters

No. 1	.....	$4.44
No. 2	.....	3.90
No. 3	.....	2.66
No. 4	.....	1.78
No. 6	.....	4.44
No. 7	.....	5.55

Decoy Minnows

Kohler's $8.88

NOTICE.
Net Prices Apply—Per 100, Dozen, Gross, Case, Each or Weight, as shown by List on Page.

Kelley-How-Thomson Co. of Duluth

2985

WEEDLESS TROLLING AND CASTING BAITS

For Bass, Pike, Pickerel, Perch, Muskallonge, etc.

HICKORY, WEEDLESS

The Bait End Springs Will Fend Off the Hook When Dragging Through Weeds and Over Logs, Without Danger of Catching; But the Points Will Instantly Sting a Fish's Jaws When Closing from Both Sides

Bait End Weed Guards: Full Feathered with **Duck Peacock and Guinea Feathers**, Plated Brass Spoons, Nickel Plated; Spring Brass Snaps, First Quality Brass Box Swivels; Best Grade, Hollow Point, Bright Hooks

Size Nos	4W	4½W	4¾W	5W	6W	7W
Size Spoons, In.	⅜x1½	⅜x1½	½x2⅛	1⅛x2⅝	1⅛x2⅝	1⅛x2½
Hook Size, Nos.	1	1	1-0	3-0	4-0	6-0
Per Dozen	5.00	5.00	6.00	7.00	7.00	7.50

One in a Box, One Dozen in a Carton

Cut No. 6

HUNTER WEEDLESS CASTING

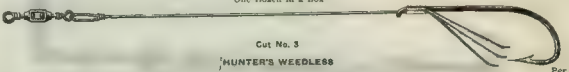
Per Dozen

No. 6—No. 5-0 Bronzed, Weighted Sprout Hook with Coppered Spring Steel Wire Leader and Brass Box Swivel; Nickel Plated Spoon 1¼x1⅝ in., Wire Guards $4.50

Casting Tandem Spoon

No. 7—No. 4-0 Bronzed, Weighted Sprout First Hook and 5-0 Bronzed Pennell Second Hook with Coppered Spring Steel Wire Leader and Brass Box Swivel, Plated Brass Spoon, Nickel Plated, ¾x1¾ in.; Wire Guards $5.00

One Dozen in a Box



Cut No. 3

HUNTER'S WEEDLESS

Per Dozen

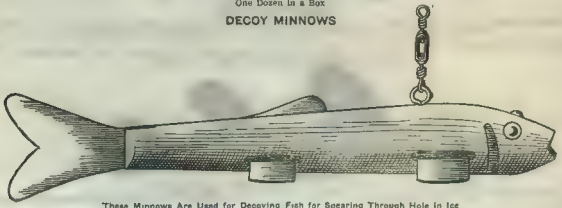
No. 4—No. 6-0 Bronzed Sprout Hook, with Coppered Spring Steel Wire Leader and Guard $2.00
No. 5—No. 5-0 Bronzed Pennell Hook, with Coppered Spring Steel Wire Leader and Guard, Brass Box Swivel 2.25
No. 2—No. 6-0 Bronzed, Weighted New York Hook, with Coppered Spring Steel Wire Leader and Guard, Brass Box Swivel 3.00

Tandem Pattern

No. 1—No. 4-0 Bronzed Weighted Sprout First Hook and 5-0 Bronzed Sprout Second Hook, with Coppered Spring Steel Wire Leader and Guard; Brass Box Swivel 4.00

One Dozen in a Box

DECOY MINNOWS



These Minnows Are Used for Decoying Fish for Spearing Through Hole in Ice
Made of Wood with Metal Fins and Tail, and Brass Box Swivel; Heavily Weighted

Per Dozen

Kohler's—Silver Finish, Life-Like Body, 7 in. Long; Weight per Dozen About 3 Lbs. $7.20

Dating May 1, 1916

APPROXIMATE NET PRICES

Subject to Change Without Notice

(Freight First Class)

Hickory Weedless

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No. 4½	W	....	5.00
No. 4¾	W	....	5.00
No. 5	W	....	6.12
No. 6	W	....	6.66
No. 7	W	....	7.22

Hunters

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Size Nos	4W	4½W	4¾W	5W	6W	7W
Size Spoons, In.	⅜x1½	⅜x1½	½x2⅛	1⅛x2⅝	1⅛x2⅝	1⅛x2½
Hook Size, Nos.	1	1	1-0	3-0	4-0	6-0
Per Dozen	5.00	5.00	6.00	7.00	7.00	7.50

One in a Box, One Dozen in a Carton

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Per Dozen

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Casting Tandem Spoon

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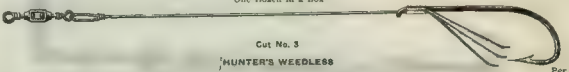
One Dozen in a Box



Cut No. 3

HUNTER'S WEEDLESS

Per Dozen

No. 4—No. 6-0 Bronzed Sprout Hook, with Coppered Spring Steel Wire Leader and Guard $2.00
No. 5—No. 5-0 Bronzed Pennell Hook, with Coppered Spring Steel Wire Leader and Guard, Brass Box Swivel 2.25
No. 2—No. 6-0 Bronzed, Weighted New York Hook, with Coppered Spring Steel Wire Leader and Guard, Brass Box Swivel 3.00

Tandem Pattern

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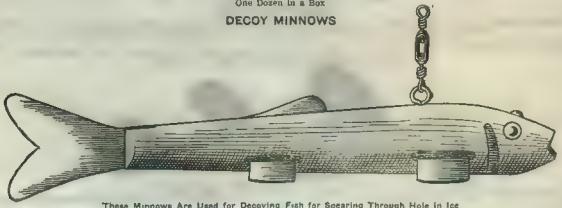
One Dozen in a Box

DECOY MINNOWS



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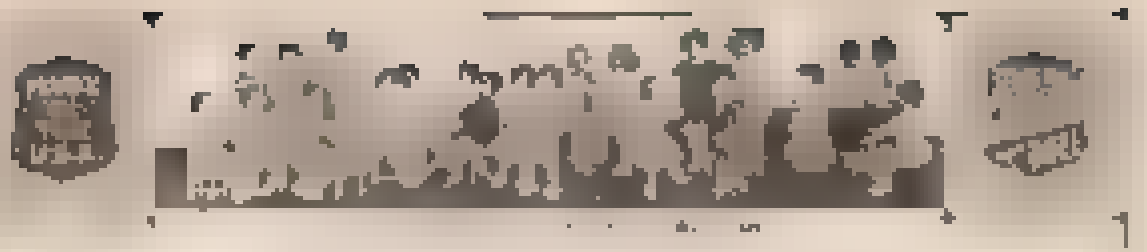
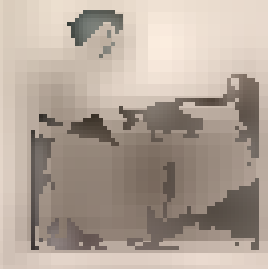
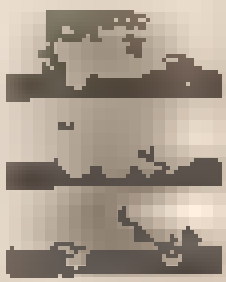
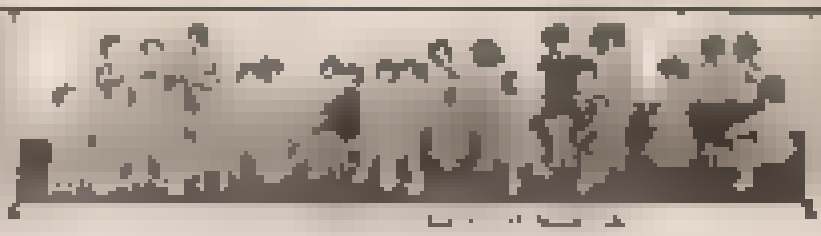


Toys *for this* Christmas

A page of Schembra's Favorites that will make the Holidays happy for American boys and girls now

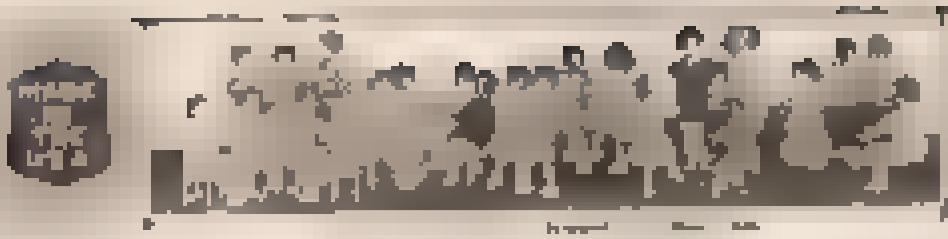






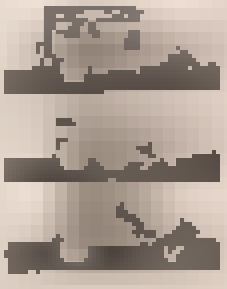
Toys *for this* Christmas

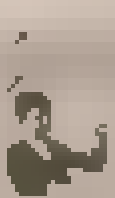
A page of Suburbia's Favorites
that will make the Holidays happy
for American boys and girls now

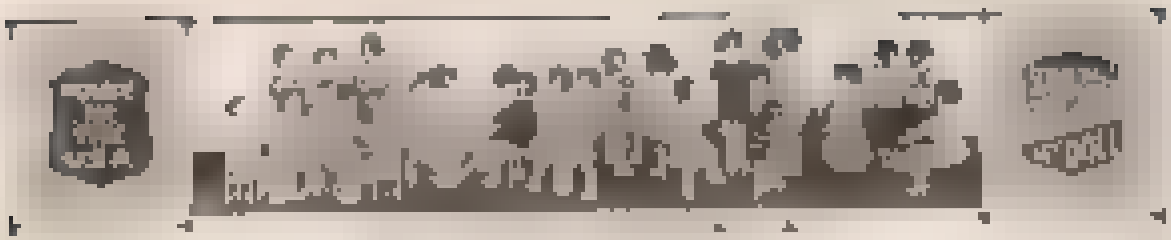


Toys *for this* Christmas

A page of 9 beautiful Easter toys that will make the Holidays Happy for American boys and girls now!

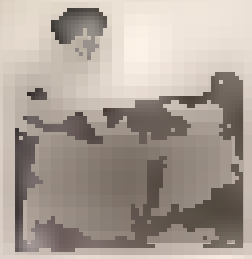


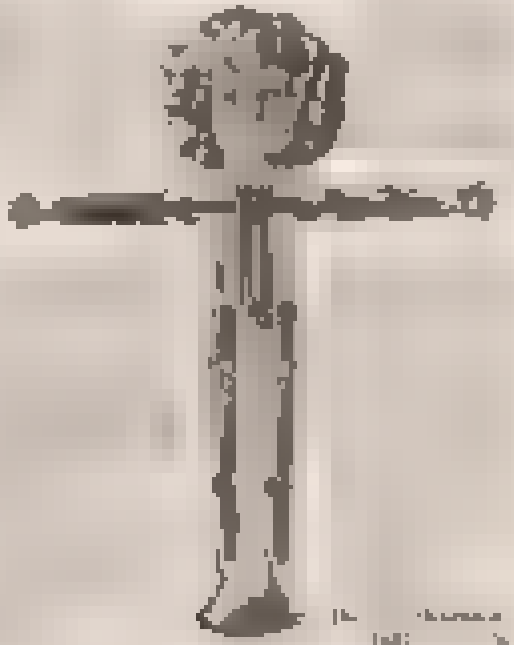




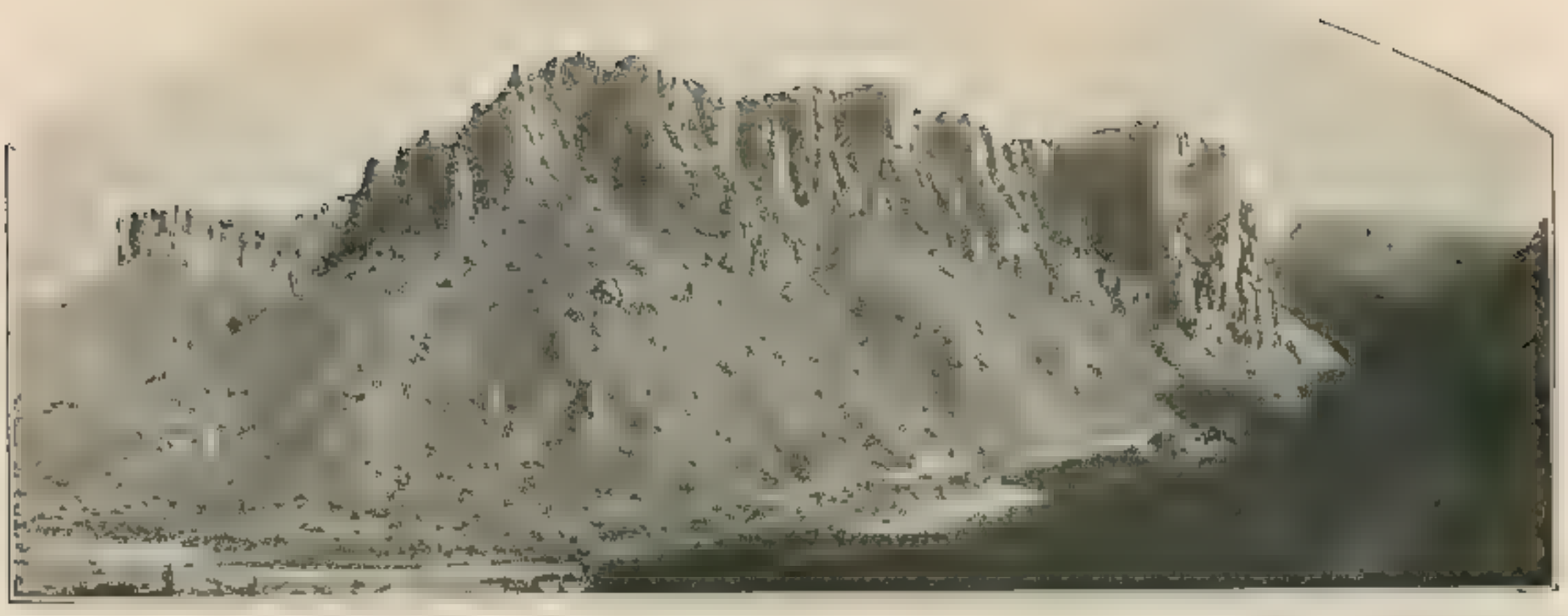
Toys *for this* Christmas

A page of Schoolchild's Favorites that will make the Holidays happy for American boys and girls





Betty Bonnet's Christmas Party



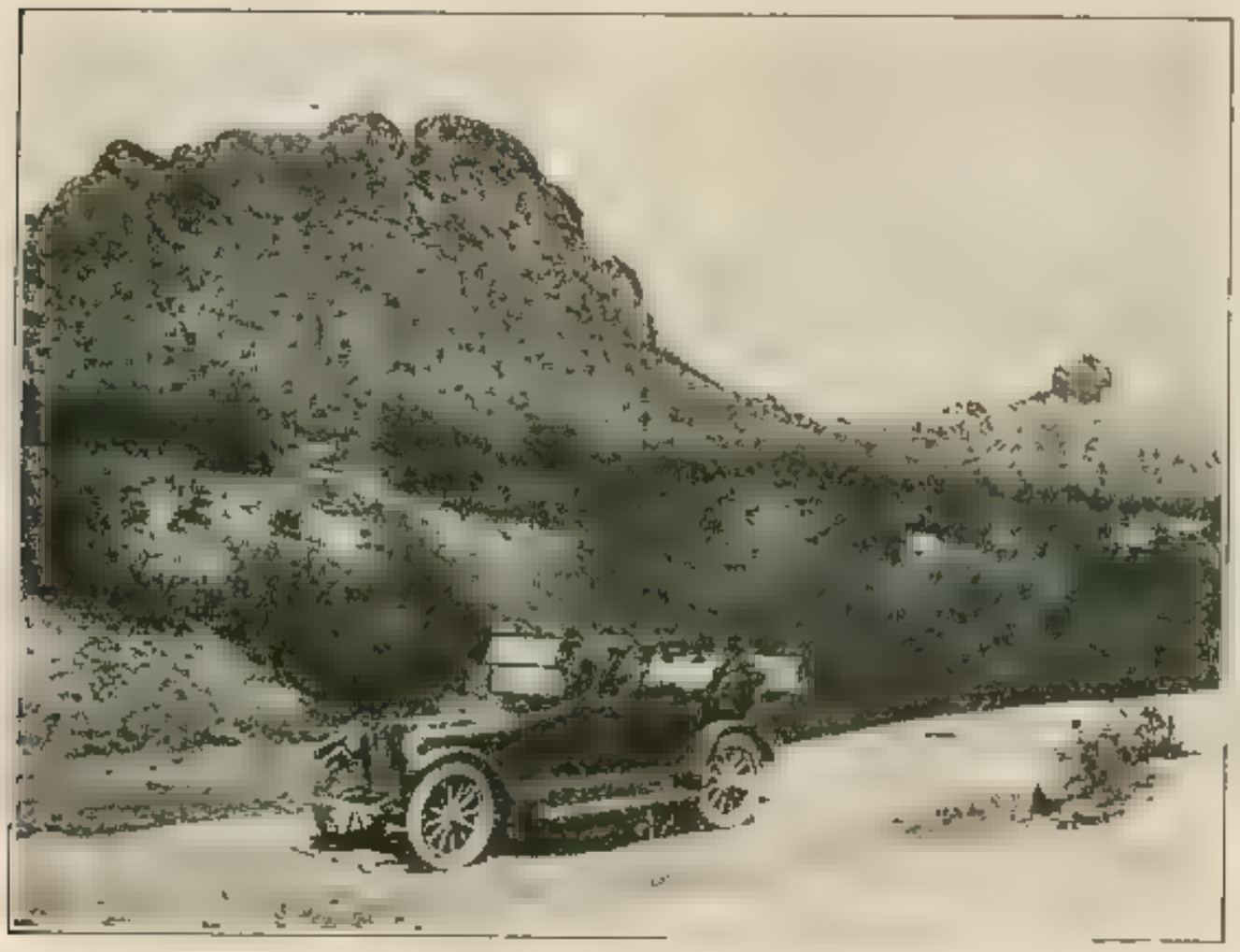
Motoring Along the Apache Trail

By WILLIAM HEMMINGWAY

THEY were mighty warriors who fought in the old days along the lofty Arizona trail between Globe and Phœnix. The thousands of modern travelers to or from California who enjoy the smooth motor trip of 120 miles through what were once impenetrable rocky fastnesses have the history of oldest and newest America spread before them in vivid contrast. The thrilling pageant is staged in a setting of mountains and buttes and chasms all ablaze with glowing red and gold and purple, the distant, cloudless horizon now steely blue, and again melting in the tender violet mists that only this magic country can create. For a whole day the voyager is lifted out of himself, carried as on a magic carpet across the dark backward and abysm of time and through the glories of the primeval world.

Through the ancient red medicine-men the myth of the creation of this weird country has been handed down from generation to generation. In the beginning the land was fertile and well watered. Rain and Wind offended Chief

FOR COUNTLESS AGES APACHE LAND HAD BEEN CRYING TO THE GREAT SPIRIT FOR WATER. ROOSEVELT DAM, WHICH WILL IRRIGATE 236,000 ACRES, IS ANSWERING THE CRY



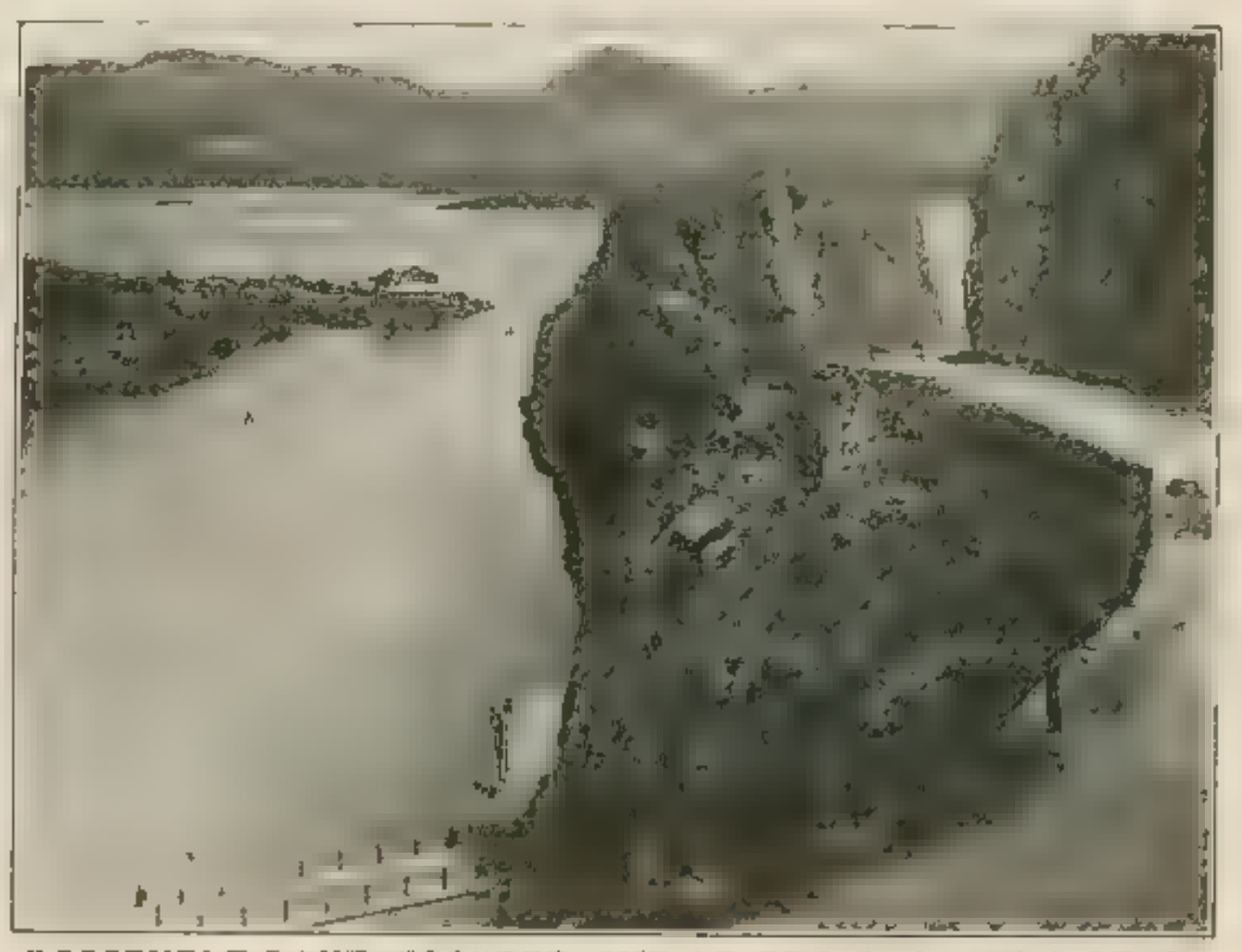
TOURING THE APACHE TRAIL

Morning Green (the Creator), and he drove them out of this paradise. Their friend Thunder heaved up the mountains, whose perpendicular walls still stand. Also he hurled fire at Morning Green, who overwhelmed him and all the rest of the world in a flood. This passed, after stripping the world of living things, though the fire still remains in the rocks, the sand, the cactus. It is reflected in the golden vegetation of the land.

Morning Green took mud and made new men. Some stayed in the plains, and they were good men, but those who took to the mountains were the Apaches, cruel, treacherous, always seeking blood and loot. If any one doubts the legend, let him look at Mountain of Foam: its peak is still white with the froth of the flood. Scattered near by are the tribesmen of the rebels, blasted by lightning into pillars of stone. And whether among the cold hearths of the Little People or the grim reminders of the relentless red men, one rolls placidly along a smooth highway that able engineers have threaded over seemingly impassable mountains or slashed through the jutting sides of canyon walls. It is the most wondrous highway in America.

From a modern Pullman car, perfect in all its appointments for safety and luxury, the traveler steps into an automobile at Globe, Arizona, and sets forth upon the Apache Trail. There is a swift flight past smoky copper smelters and the scrambling houses in the outskirts of the town; then the road sweeps back into the mountains, and the car swings upward past surging slopes of sapphire rock blent with crimson and gold in extravagant, riotous color. It seems a magic land made of precious stones. If all these colors are true—and there they are to drive away doubt—why may not one believe the myth of the region? The throbbing motor climbs steadily through an enchanted land of astounding contrasts, now plunging into the black shadows of a narrow canyon, again wheeling into golden sunlight on the edge of a cliff.

The crest of the divide rolls back beneath the flying car, and far below lies Apache Land, bathed in exquisite tints



ROOSEVELT LAKE, SCOOPED OUT OF THE FROWNING PEAKS OF ROCK

under the magic Arizona sky. There are the buttes and mesas, domes and pinnacles, melting in a languorous tableau such as no painter would dare to put on canvas, for it seems too beautiful to be true. A few minutes the picture lingers unchanged, then is broken and rearranged in new combinations of form and color as the motor begins the descent into the valley called Tonto Basin, where we dive through the shadows of lofty peaks and of the tall saguaros, the giant cacti of the desert.

To the westward lies Roosevelt Lake, a vast inland sea of fresh water gathered by the hand of man. Six miles from its shore the Trail begins a rapid descent, more than 300 feet in each mile. Suddenly our gaze is directed to the face of the cliff far above the Trail. We look up, and our sight travels back across a hundred centuries: we behold the crannied homes of the Little People high on the cliff over us. Enter. The ceilings are only four feet above the floor; the doors but two feet high and eighteen inches wide. The tiny windows still bear their flat, stone lintels, and the walls are built of flat slabs of stone, laid in mud and plastered within and without. There is no ghost of a sound in the place. The very air smells ages old. One feels the spirits of the vanished race hovering near, trying to tell of their last days, of their stealthy night journeys down the long ladders to fetch jars of water from the river, of their flight upward, pursued by the terrible men of the valleys, of the stones they pushed over the brink of the cliff that battered the evil ones off into space!

There are seven of these colonies in the Four Peak Range. Those who do not care to leave the motor-car can still see much of the cliff-dwellings from the Trail.

The car again in flight soon brings us to the edge of Roosevelt Lake: we have swung back from the primeval to the most modern. The ancient manikins gathered water in little jars. In this artificial sea United States engineers have gathered water in a mass of twenty-

ANCIENT CLIFF DWELLINGS SEEN ALONG THE APACHE TRAIL

five square miles, 280 feet deep at the lip of the Roosevelt Dam, which is thrown boldly across the steepest pass in a wall of masonry 1,125 feet long.

The business of this inland sea is to make the desert blossom like the rose. Its waters are distributed among 360 square miles of land that used to grow nothing but mesquite and cactus, but now is rich with fruits and flowers. Incidentally, the lake is the haunt of gamy black bass.

After luncheon in the Lodge the traveler resumes the flight to Phœnix, now 80 miles away, down through many a gulch and canyon. As the car takes the turn in the road there is time for a glance back at the gigantic dam, nearly a quarter of a mile wide, and with the white waters boiling through the great spillways at either end like twin Niagaras into the chasm below. Presently the route crawls upward among the dazzling lights and gloomy shades of Fish Creek Canyon, the road draped, ribbon-like, along the cliff, yet buttressed solid as Gibraltar.

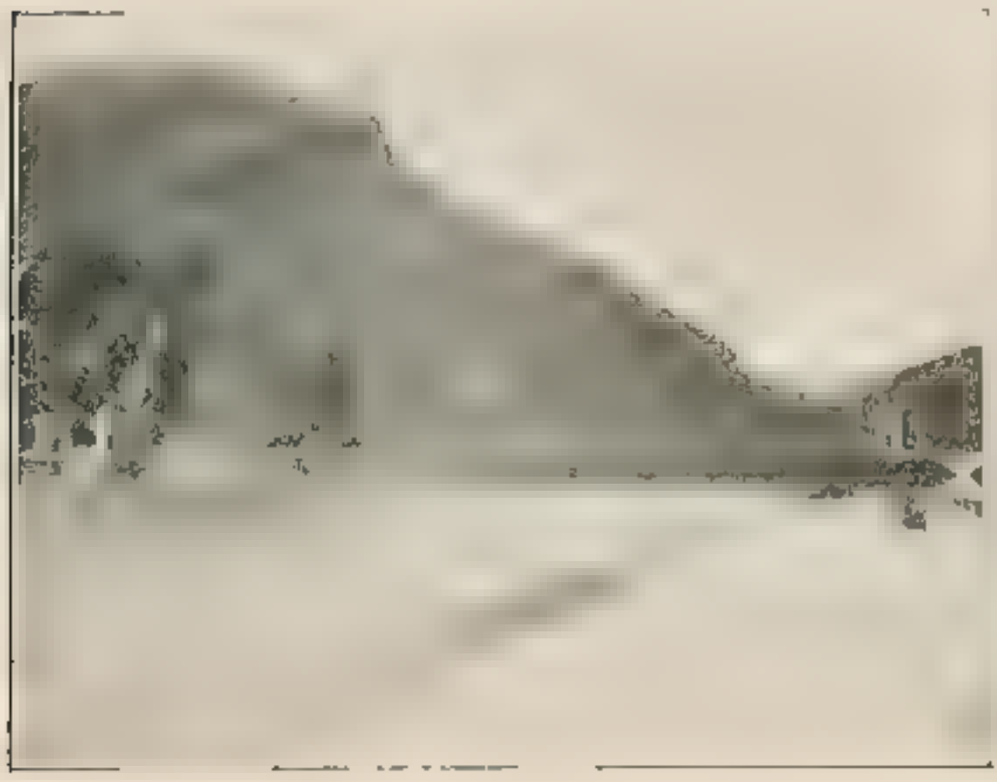
From the top we look down upon a

scene of ineffable grandeur. Here is the workshop in which Morning Green made great domes and turrets of gaudy rock, then cast them aside and built the mighty mountain ranges far beyond. Nearer at hand stands "Arrowhead," hammered out of solid rock by Chief One Eye, so Apaches say. Soon we discern his misshapen form, turned for all time into solid rock, glowering at us from the heights. Soon we come to Hell's Canyon, which seems a bottomless pit; then the dizzy Whirlpool Rock, whose whirling strata confuse the eye, and so across Black Canyon toward Superstition Mountain, still bearing the foamy record of the deluge on its white top. All too soon the miles fly by, and we roll past the purple hills against their violet sky and presently into the tree-lined streets of Phœnix. Here the waiting Pullman is boarded for the overland ride into California.

THE FROWNING SIDES OF DEVIL'S CANYON

The Southern Pacific Lines offer the only convenient means of reaching the "Trail," and through tickets over these lines in either direction will be honored for the trip upon payment of $15 additional. This expense includes all railroad transportation and the auto trip between Globe and Phœnix. An extension of ten days will be allowed on tickets held by passengers making the side trip.

Through Pullman Sleeping Cars in connection with the "Sunset Limited" are operated from El Paso, Texas, and Globe, Arizona, every Sunday, Tuesday, and Friday. Globe is the Eastern terminus of the "Trail." This new service adds greatly to the comfort and pleasure of the trip. The westbound tourist may now arrive in Globe in a through Pullman Sleeping Car in time for breakfast, and immediately thereafter step into the waiting automobile for the "Apache Trail" trip to Phœnix. The eastbound traveler arriving from Phœnix may enter the Pullman Sleeper at Globe in the evening. At Phœnix, through Pullman service is maintained to and from Los Angeles.



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SUPERSTITION MOUNTAIN AGLOW IN AN ARIZONA SUNSET

Life

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THE SABBATH-BREAKER

Betty Bonnet's Next-Door Neighbor

By Sheila Young

NOTE — If the whole page is mounted on muslin or linen before the figures are cut out, the different parts will last longer and the tabs will not bend so easily. Cut along the dotted lines in back, and slip the doll's head into the slits thus made. By pasting an inch-wide strip of cardboard at the waistline, slightly bent to form an easel, the doll can be made to stand.

Betty Bonnet's Twin Cousins

By Sheila Young

NOTE—If the whole page is mounted on muslin or linen before the figures are cut out the different parts will last longer and the tabs will not tear so easily. Cut along the dotted lines at knee, and slip the doll's head into the slits thus made. By pasting an inch wide strip of cardboard at the waistline, slightly bent to form an easel, the doll can be made to stand.

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NEWARK PAVING COMPANY
GENERAL CONTRACTORS
NEWARK, N.J. January 1st, 1916.

Watson Wagon Company,
Canastota, New York,

Gentlemen:-
Replying to yours of the third instant would advise that the last car of wagons reached here December thirty-first in ample time to start on our contract with the city of Newark, N.J. for the removal of ashes and refuse January first 1916; this gives us 120 Watson Wagons for use in our general contract work.

We desire to thank you for your efforts in making prompt delivery of the new equipment, and remain,

Yours very truly,
NEWARK PAVING COMPANY
Hugh F. Gilligan
President.

We have just shipped seventy-five Watson Ash Wagons to the Newark Paving Company. This is one of the biggest and best contracting firms in New Jersey. On January 1st they began a five-year contract with the City of Newark for removal of ashes and garbage. The job involves about a million dollars.

Every dump wagon owned by the Newark Paving Company is a Watson. Read Mr. Gilligan's letter. Since this letter was written Mr. Gilligan has bought fifteen more Watsons making a total of 135 now in use.

In Newark and vicinity there are thousands of Watsons in use, and here's an important point: Not only the biggest contractors there use Watsons, but many hundreds of teamsters who own only one or two teams of horses. Draw your own conclusions.

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